

Science Capabilities and Achievements

2004-2010



Department of
Environment and
Natural Resources



Government
of South Australia

www.environment.sa.gov.au

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Chief Executive Message

South Australia faces many challenges in its quest to protect and enhance our environment and natural resources. But these challenges are not insurmountable. The Department of Environment and Natural Resources is meeting them equipped with a sound foundation of science, information, knowledge and strong partnerships. Good science is the basis for good results that benefit all South Australians.

This report demonstrates the breadth and strength of our scientific endeavour. It documents the work we have done and the partnerships we have put in place during the past five years. We employ scientific methodologies and commission research covering a wide range of issues to inform our decisions on how best to manage the state's natural assets. The Department's expertise plays an important role in helping South Australia address the complex goal of achieving sustainability. By documenting our expertise and research interests, we hope to encourage collaborations and partnerships, and the sharing of expertise to better meet the challenges ahead.

Allan Holmes

Chief Executive

Department of Environment and Natural Resources

Government of South Australia

Head of Science Message

Historically, science has been seen as the realm of scholars and universities, but now the public wants to know the scientific basis of decisions that are made about issues such as climate change and water shortages.

These issues are having a very real impact on people's lives today, so it's critical that scientists continue to examine and test their knowledge, and learn how to engage in a more dynamic way with the public.

As national science broadcaster Dr Robyn Williams says, "If people are making decisions in a vacuum, they're usually bad decisions. Science information concerns everybody."

The Department of Environment and Natural Resources (DENR) is the main agency in South Australia for conservation of the environment and sustainable use of natural resources. It has made significant progress over the last year to harness and focus its scientific activities and partnerships around critical policy issues for the state's community, issues such as sustainability, fire, climate change and terrestrial and marine conservation.

DENR strives to continually keep our scientific knowledge up to date to ensure we make the best possible decisions about managing South Australia's environmental assets. However, we still need to do more to involve South Australians in our planning and decision making.

This achievements report provides a snapshot of the scientific capacity and expertise within DENR. It outlines the extensive contribution that DENR scientists have made to the body of scientific knowledge over the past five years. It details recent and current projects and collaborations that DENR is involved in as well as scientific publications.

I hope this report stimulates an interest in sharing the knowledge that DENR has gained through its science and research. Our aim is to help South Australians become excited about opportunities to use science to secure the economic, social and environmental future of our state.

Prof Andrew Lowe

Head of Science & Professor of Plant Conservation Biology
Science Resource Centre DENR & University of Adelaide

Context

The Department of Environment & Natural Resources (DENR) uses science and research to support our conservation and management decisions. We manage South Australia's public land, which includes our national parks, marine parks, botanic gardens and coastline, and oversee the sustainable use of natural resources. We have defined nine key scientific and research capabilities that relate to our lines of business and policy.

- **Plant systematics** research uses contemporary taxonomic tools to find out what types of plants and marine algae occur in SA and where they are found in the landscape. Through this work we improve the knowledge of the taxonomy and distribution of the state's biota. If you don't know what you have, what it looks like or where it is, you can't manage it! Researchers in this area collaborate with the South Australian Museum, the Australian Centre of Evolutionary Biology and Biodiversity and the Australian Biological Resources Study as well as other institutions.
- **Species and populations** research in DENR involves collecting detailed information on the size, distribution, abundance, growth, birth rates and mortality in species and populations of marine and terrestrial plants and animals. This work covers threatened and non-threatened native biota, as well as exotic pests, including biota that are likely to pose a biosecurity threat.
- **Ecological processes** research is about uncovering how plants and animals are affected by fundamental processes that affect their persistence and distribution across the landscape. Some of these processes include fire, grazing, germination and seed dormancy, water regimes and interactions between these processes. Research in this theme covers empirical studies and modelling, which provides a robust ability to predict changes in populations and communities.
- **Seascapes, landscapes and communities** research is closely linked to management of natural resources across the landscape and seascape, and includes both social and physical elements. Research in this area includes mapping of vegetation, terrestrial and marine ecology, development of more integrated ways of landscape restoration and restoration of ecological communities. Researchers in this theme are linked to work occurring on private and public lands in the Natural Resource Management regions.
- **Natural resources condition** research is responsible for monitoring land condition in the rangelands. Monitoring progress towards the South Australia Strategic Plan (SASP) target for soil protection and rangelands condition is done using information from roadside surveys and pastoral lease assessments and inspections. A remote sensing approach to monitoring land condition has the potential to significantly improve data accessibility, flexibility and statistical validity while also reducing costs. For this reason DENR is working in partnership with the University of Adelaide and the Australian Government's Department of Agriculture Forestry and Fisheries, to develop a remote sensing method for monitoring soil cover in the agricultural areas and land condition in the rangelands.
- **Sustainable production system** research involves promoting, developing and applying more sustainable perennial plant technologies to primary production systems in agricultural areas of South Australia. Our work is primarily carried out through our research partnership with the Future Farm Industries CRC (FFI CRC). The CRC provides a national collective research effort into new fodder shrub production systems, developing woody crop industries, and into understanding of the biodiversity benefits of perennials. Furthermore, our work involves promoting the adoption of perennial plant options through improved collaboration between DENR, FFI CRC Partners, NRM regions, farmers, agricultural industry, Rural Solutions SA and participating research organisations such as the University of Adelaide and SARDI.
- **Water** research focuses on improving our capacity to sustainably allocate water resources, with the broad aim of protecting and managing water quality and quantity for community prosperity and healthy ecosystems. Collaborations between scientists, managers and the community ensure water security for industrial, domestic and agricultural purposes as well as maintaining the health of rivers, streams and wetlands. Water research is also necessary to underpin decision making in the policy area of Water Affecting Activities where permits are issued for activities such as dam or road construction or alterations to the natural course of a stream or wetland. To achieve these goals, NRM regions have developed successful partnerships with the Department for Water (including the Goyder Institute), CSIRO, SARDI, Flinders University, Adelaide University and the University of South Australia.

- **Changing climate** work in DENR includes biological and physical effects of climate change. In many ways climate change cuts across all the above core capabilities, although it is clear that specific action and planning needs to be developed to manage environmental assets more appropriately and to assist communities to adapt to change and increasingly variable climates. The need for a monitoring network to understand the changes that have happened in recent times and to track future changes is clear. In many cases predictive science and modelling are the only ways to gain early warning of potential future catastrophic impacts, including sea level rise and coastal and wetland inundation, species range shifts and changes to the ecology and interdependencies of species due to developmental shifts. We have links to National Climate Change Adaptation Research Facility (NCCARF) research nodes and to the Research Institute of Climate Change and Sustainability (University of Adelaide).
- **Socio-economic** research provides DENR with a better understanding of what motivates the community and key stakeholders to make environmentally sustainable choices. Human factors usually shape the outcomes that DENR is delivering for South Australia, and a better understanding of these factors will result in better outcomes for all South Australians. DENR is focussing effort to building core capability and closer partnerships in the social, economic and human behaviour disciplines to this end.

As the key conservation agency in the State for the environment and natural resources, we encourage and foster research and science partnerships. We foster an ethos of true partnership to encourage research interaction between DENR staff and those in other institutes/agencies. We aim to work closely with others to achieve common objectives. Our research interests and capabilities are summarised in our **Science Prospectus**¹, and our priorities for future science and research in **Science Directions 2010-2015**². Both are available on our website: www.environment.sa.gov.au/science³.

DENR has an in-house peer reviewed publication the *Journal of the Adelaide Botanic Gardens*. The *Journal of the Adelaide Botanic Gardens* publishes papers on plant systematics, taxonomy (revisions and descriptions of new species) and nomenclature of plants, with a focus on southern Australia. It also accepts papers in related fields, such as biogeography, ecology, morphology, horticulture and botanical history. The *Journal* is one of the main outlets for work conducted by staff members and associates of the State Herbarium of South Australia. At least one issue is published per year. Supplements to the *Journal* are printed at irregular intervals.

¹ <http://www.environment.sa.gov.au/files/453d4976-453a-4e2c-86dd-9e300118940d/science-prospectus.pdf>

² <http://www.environment.sa.gov.au/files/3382ffba-16f4-4430-8288-9e300118926c/science-directions-2010-2015.pdf>

³ <http://www.environment.sa.gov.au/science>

Scientific and Research Expertise

We have a range of metropolitan and regionally based staff that undertake scientific and research activities to support our management decisions and policy direction.

DENR staff and their areas of expertise and interest in the nine science and research themes.

| Staff | Plant Systematics | Species & Populations | Ecological Processes | Seascapes, Landscapes & Communities | Natural Resources Condition | Sustainable Production Systems | Water | Changing Climate | Socio-Economics |
|----------------|-------------------|-----------------------|----------------------|-------------------------------------|-----------------------------|--------------------------------|-------|------------------|-----------------|
| Abley K | | ✓ | ✓ | ✓ | | | | | |
| Ainsley P | | ✓ | ✓ | | | | | ✓ | |
| Armstrong D | | ✓ | | ✓ | | | | | |
| Bachmann M | | ✓ | ✓ | ✓ | | | | | |
| Baird G | | | | ✓ | ✓ | ✓ | | | |
| Baldock R | | ✓ | | | | | | | |
| Barker RM | ✓ | ✓ | ✓ | | | | | | |
| Barker WR | ✓ | ✓ | ✓ | | | | | ✓ | |
| Barnett E | | | ✓ | ✓ | | | ✓ | ✓ | |
| Barth M | | ✓ | ✓ | | | | | | |
| Boulderstone C | | | | ✓ | ✓ | ✓ | | | |
| Boulderstone J | | | ✓ | ✓ | | | | | |
| Bell GH | ✓ | | | | | | | | |
| Bickerton D | | ✓ | | | | | | | |
| Bignell S | | ✓ | ✓ | ✓ | | | | | |
| Bourne S | | ✓ | | ✓ | | | | ✓ | |
| Brandle R | | ✓ | ✓ | | | | | | |
| Brock D | | ✓ | ✓ | ✓ | | | | | |
| Brodie C | | ✓ | | | | | | | |
| Brook G | | | | | | | ✓ | | |
| Bryars S | | ✓ | ✓ | ✓ | | | | | |
| Cameron J | | | | ✓ | | | | | |
| Camp A | | | ✓ | ✓ | | | | | |
| Canty PD | | ✓ | ✓ | ✓ | | | | ✓ | |
| Carson M | | | | ✓ | | | | | |
| Catcheside P | ✓ | ✓ | ✓ | | | | | | |
| Chinnock B | ✓ | ✓ | ✓ | | | | | | |
| Clark J | | | | ✓ | ✓ | | ✓ | | |
| Clarke S | | ✓ | | ✓ | | | | | |
| Colella, D | | ✓ | ✓ | ✓ | | | | | |
| Coombe-Smith K | | ✓ | | ✓ | ✓ | ✓ | | | ✓ |
| Copley P | | ✓ | ✓ | ✓ | | | | | |
| Croft T | | ✓ | ✓ | ✓ | | | | ✓ | |
| Cross H | ✓ | ✓ | | ✓ | | | | ✓ | |
| Cutting M | | | | | | ✓ | ✓ | | |
| Das P | | | | ✓ | ✓ | | | | |
| De Preu N | | ✓ | ✓ | ✓ | | | | | |
| Dickson C | | ✓ | ✓ | ✓ | | | | | |

Scientific and Research Expertise

| Staff | Plant Systematics | Species & Populations | Ecological Processes | Seascapes, Landscapes & Communities | Natural Resources Condition | Sustainable Production Systems | Water | Changing Climate | Socio-Economics |
|-----------------|-------------------|-----------------------|----------------------|-------------------------------------|-----------------------------|--------------------------------|-------|------------------|-----------------|
| Dillon B | | ✓ | | ✓ | | | | | |
| Duffield T | | | | ✓ | | | | ✓ | |
| Duffy A | | ✓ | | ✓ | | | | | |
| Dutkiewicz A | | | | ✓ | ✓ | ✓ | | ✓ | ✓ |
| Duval D | | ✓ | | | | | | | |
| Eglinton Y | | | ✓ | ✓ | | | | | |
| Ehmann H | | ✓ | | ✓ | | | | | |
| Facelli A | | | | ✓ | ✓ | ✓ | | | |
| Fairweather P | | ✓ | ✓ | ✓ | | | | | |
| Falkenberg I | | ✓ | ✓ | ✓ | ✓ | | | ✓ | |
| Fisher A | | | ✓ | ✓ | | ✓ | | ✓ | |
| Flaherty T | | | ✓ | ✓ | ✓ | | | | |
| Flanagan G | | | | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Fluin J | | | | ✓ | ✓ | | ✓ | ✓ | |
| Forrest K | | | | ✓ | ✓ | | | | |
| Forward G | | | | | ✓ | ✓ | | ✓ | |
| Fotheringham DG | | ✓ | ✓ | ✓ | | | | ✓ | |
| Foulkes J | | | ✓ | ✓ | | | | ✓ | |
| Freeman A | | ✓ | ✓ | ✓ | ✓ | | | | |
| Fuhlbohm F | | ✓ | | | | | | | |
| Gates J | | ✓ | ✓ | | | | | | |
| Gatti S | | | | | ✓ | | ✓ | | |
| George A | | | ✓ | ✓ | | | | ✓ | |
| Gillam S | | ✓ | ✓ | ✓ | | | | | |
| Gillespie C | | ✓ | ✓ | | | | | | |
| Ginman E | | ✓ | ✓ | ✓ | | | | | |
| Goodman A | | | | | ✓ | | | | |
| Goss K | | ✓ | ✓ | | | | | | |
| Gotch T | | | | | ✓ | | ✓ | | |
| Graham J | | ✓ | | ✓ | | | | | |
| Graham K | | ✓ | | | | | | | |
| Guerin G | ✓ | ✓ | ✓ | ✓ | | | | | |
| Gunner P | | | | | | | | | ✓ |
| Gurgel F | ✓ | ✓ | | ✓ | | | | ✓ | |
| Hall A | | ✓ | | | | | | | |
| Hall J | | | | ✓ | ✓ | ✓ | | ✓ | ✓ |
| Halliday L | | ✓ | ✓ | ✓ | | | | ✓ | |
| Hart D | | | | ✓ | | | | | |
| Hayden B | | | | | | | | | ✓ |
| Heard L | | ✓ | | ✓ | | | | ✓ | |
| Henderson MK | | ✓ | ✓ | ✓ | | | | ✓ | |
| Herrmann T | | | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| Higham J | | ✓ | ✓ | ✓ | | | | ✓ | |
| Hobbs T | | | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ |
| Hodder M | | | ✓ | ✓ | ✓ | | | | |
| Honan I | | | ✓ | | ✓ | | | | |
| Jay J | | | ✓ | | | | | | |

Scientific and Research Expertise

| Staff | Plant Systematics | Species & Populations | Ecological Processes | Seascapes, Landscapes & Communities | Natural Resources Condition | Sustainable Production Systems | Water | Changing Climate | Socio-Economics |
|----------------|-------------------|-----------------------|----------------------|-------------------------------------|-----------------------------|--------------------------------|-------|------------------|-----------------|
| Jennings S | | ✓ | | ✓ | | | | | |
| Jessop J | ✓ | | | | | | | | |
| Johnson R | | ✓ | ✓ | ✓ | | | | | |
| Jolley AM | | | ✓ | ✓ | | | | | |
| Jusaitis M | | ✓ | ✓ | ✓ | | | | ✓ | |
| Kaethner B | | ✓ | ✓ | ✓ | | | | | |
| Keen S | | ✓ | | ✓ | ✓ | | | | ✓ |
| Kellermann J | ✓ | ✓ | | | | | | ✓ | |
| Kerin B | | | ✓ | ✓ | ✓ | | | | |
| Kinloch M | | ✓ | ✓ | ✓ | | | | | |
| Kraff G | ✓ | | | | | | | | |
| Kurray A | | | ✓ | | ✓ | | | | |
| Kutsche F | | ✓ | ✓ | ✓ | | | | | |
| Lance S | | ✓ | | | ✓ | | | | |
| Lang P | ✓ | ✓ | | ✓ | | | | | |
| Lawson B | | | | | | ✓ | | | |
| Le Duff M | | ✓ | | ✓ | | | | | |
| Lewis S | | | | ✓ | ✓ | | | | |
| Lincoln R | | | ✓ | ✓ | ✓ | | | | |
| Lloyd K | | ✓ | | | | | | | |
| Lock S | | | ✓ | ✓ | | | | | |
| Loisier A | | ✓ | | ✓ | | | | | |
| Lowe A | ✓ | ✓ | | | | | | ✓ | |
| Lundstrom G | | | | | ✓ | | ✓ | ✓ | ✓ |
| Maconochie J | | | ✓ | ✓ | ✓ | ✓ | | | |
| Mancini H | | | | ✓ | ✓ | | ✓ | | |
| Marsland K | | ✓ | ✓ | | | | ✓ | | |
| McDonald J | | ✓ | ✓ | ✓ | | | | ✓ | |
| McEwan K | | ✓ | ✓ | ✓ | | | | | |
| McIlwee | | ✓ | ✓ | | | | | ✓ | |
| McKenna D | | ✓ | ✓ | ✓ | | | | | |
| Miles M | | | | ✓ | | | | | |
| Miller, D | | | | ✓ | | | | | |
| Mladovan L | | ✓ | ✓ | ✓ | | | | | |
| Molsher R | | ✓ | ✓ | | | | | | |
| Morcom R | | | ✓ | ✓ | | | | | |
| Munro J | | ✓ | ✓ | ✓ | ✓ | | ✓ | | |
| Murray-Jones S | | ✓ | ✓ | ✓ | | | | | |
| Mussared R | | | | ✓ | ✓ | | | | |
| Neagle N | | ✓ | ✓ | ✓ | | | | | |
| Neumann C | | | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| New D | | | | ✓ | ✓ | | | | |
| Oag D | | | | ✓ | ✓ | ✓ | | | |
| Owens H | | ✓ | ✓ | | | | | | |
| O'Leary M | ✓ | ✓ | | ✓ | | | | | |
| Peacey G | | | | ✓ | ✓ | | | | |
| Pedler R | | ✓ | ✓ | | | | | | |

Scientific and Research Expertise

| Staff | Plant Systematics | Species & Populations | Ecological Processes | Seascapes, Landscapes & Communities | Natural Resources Condition | Sustainable Production Systems | Water | Changing Climate | Socio-Economics |
|---------------|-------------------|-----------------------|----------------------|-------------------------------------|-----------------------------|--------------------------------|-------|------------------|-----------------|
| Peet J | | | | | | ✓ | ✓ | ✓ | |
| Pestell A | | ✓ | | | | | | | |
| Pillman S | | ✓ | ✓ | | | | | | |
| Pisanu P | | ✓ | ✓ | ✓ | | | | | |
| Pobke K | | ✓ | | | | | | | |
| Pound L | | | ✓ | ✓ | | | | | |
| Quarmby J | | ✓ | | | | | | | |
| Rasheed R | | | ✓ | ✓ | ✓ | | | | |
| Rawlings C | | | | | ✓ | | | | ✓ |
| Roberts G | | | | ✓ | ✓ | ✓ | | | |
| Rogers DJ | | ✓ | ✓ | | | | | | |
| Rolston A | | ✓ | ✓ | ✓ | | | | ✓ | |
| Rutherford, H | | | ✓ | ✓ | | | | | |
| Ryan-Colton E | | ✓ | ✓ | | | | | | |
| Sandercock J | | | | | | | | | ✓ |
| Schmucker P | | | | | ✓ | | | | ✓ |
| Seaman R | | ✓ | ✓ | ✓ | | | | ✓ | |
| Sharp A | | ✓ | ✓ | ✓ | | | | ✓ | |
| Sheath A | | | | ✓ | ✓ | ✓ | | | |
| Simpson A | | | | ✓ | ✓ | | | | ✓ |
| Sloper D | | ✓ | ✓ | ✓ | ✓ | | | ✓ | |
| Smith F | | | ✓ | ✓ | ✓ | | | | |
| Smith K | | | ✓ | ✓ | ✓ | | | | |
| Smolinski J | | ✓ | ✓ | | | | | | |
| Stadter F | | | | ✓ | ✓ | ✓ | | | |
| Stanley M | | | | ✓ | ✓ | ✓ | | ✓ | ✓ |
| Stelmann J | | ✓ | ✓ | ✓ | | | | | ✓ |
| Stevens L | | | | ✓ | ✓ | | | | |
| Stewart H | | ✓ | | ✓ | | | | | |
| Stringer J | | | | ✓ | ✓ | ✓ | | | |
| Stubbs W | | ✓ | ✓ | ✓ | | | | | |
| Sullivan J | | | | ✓ | ✓ | | ✓ | | |
| Sweeney O | | ✓ | ✓ | | | | | | |
| Sweeney S | | | | ✓ | ✓ | ✓ | | ✓ | |
| Symon D | ✓ | | | | | | | | |
| Taylor B | | ✓ | ✓ | ✓ | | | | | |
| Taylor L | | | | ✓ | ✓ | | | | |
| Teague K | ✓ | ✓ | | | ✓ | ✓ | | | |
| Thiessen J | | ✓ | ✓ | ✓ | | | | | |
| Toelken H | ✓ | | ✓ | | | | | ✓ | |
| Townsend M | | | ✓ | ✓ | | | | ✓ | |
| Tucker M | | | | ✓ | ✓ | ✓ | | ✓ | |
| Turner C | | | | ✓ | ✓ | ✓ | | | |
| Turner D | | | ✓ | ✓ | | | | ✓ | |
| Turner R | | ✓ | | ✓ | | | | | |
| van Weenen J | | ✓ | ✓ | | | | | | |
| Velzeboer R | | ✓ | ✓ | ✓ | | | | ✓ | |

Scientific and Research Expertise

| Staff | Plant Systematics | Species & Populations | Ecological Processes | Seascapes, Landscapes & Communities | Natural Resources Condition | Sustainable Production Systems | Water | Changing Climate | Socio-Economics |
|------------------|-------------------|-----------------------|----------------------|-------------------------------------|-----------------------------|--------------------------------|-------|------------------|-----------------|
| von Baumgarten P | | ✓ | ✓ | ✓ | | | | ✓ | ✓ |
| Vonow H | ✓ | | ✓ | | | | | ✓ | |
| Wallace R | | | ✓ | ✓ | ✓ | | | | |
| Walraven H | | | | ✓ | | | | | |
| Walton J | | | | ✓ | ✓ | | | | |
| Ward M | | ✓ | ✓ | ✓ | | | | | |
| Watts J | | | | ✓ | ✓ | | | | |
| Welsh C | | | | | | | ✓ | | |
| West A | | ✓ | ✓ | ✓ | ✓ | | | | |
| Whiterod N | | ✓ | ✓ | | | | | | |
| Wiadrowski R | | | | ✓ | ✓ | | | | |
| Williams S | | ✓ | ✓ | ✓ | | | | ✓ | ✓ |
| Williamson D | | | | | ✓ | | ✓ | | |
| Willmott S | | | | ✓ | ✓ | | | | |
| Willoughby N | | ✓ | ✓ | ✓ | | | | ✓ | |
| Wilson C | | | | ✓ | ✓ | | | | |
| Woods C | | | | ✓ | ✓ | ✓ | | | |
| Wouters M | | ✓ | ✓ | | | | | ✓ | |
| Wright A | | ✓ | ✓ | ✓ | | | | | |
| Young E | | | | ✓ | | | | | |

Ms Kirstin Abley Fire Ecologist, Adelaide & Mt Lofty Ranges. Impact assessment and monitoring of flora and fauna responses to fire, particularly prescribed burning regimes. Current and previous work also includes threatened flora and fauna monitoring and management and development of best-practice pest plant management.

Dr Phillip Ainsley Germplasm Coordinator, Seed Conservation Centre, Botanic Gardens of Adelaide. Primary research interest is seed biology with a focus on understanding ecophysiology, dormancy mechanisms, the role of fire and germination requirements for Native Australian plants. Has worked on numerous species across a range of families including Compositae, Gyrostemonaceae, Lamiaceae and Rutaceae. Also interested in the potential impact of climate change on seed germination and recruitment in threatened plant species. Additional involvement in restoration and rehabilitation research, understanding the impact of environmental stress on seed germination and plant establishment, and plant tissue culture of native Australian plants.

Mr David Armstrong Survey and Monitoring Assistant, Science Resource Centre. Interested in many aspects of the ecology and management of threatened fauna species in SA. In particular threat abatement processes related to competition and predation from over-abundant native species and feral animal species, particularly in isolated populations or off-shore island situations.

Mr Mark Bachmann Conservation Programs Manager, South East. Regional conservation and restoration, threatened species recovery and management, environmental weed ecology and management, hydrological management and restoration of wetlands.

Mr Gavin Baird Land Assessment Officer, Pastoral Program. Undertake the second round of pastoral lease assessments which involves a land and vegetation condition assessment, updating maps, lessee interview and producing a report analyzing changes since the first assessment.

Mr Bob Baldock Honorary Research Associate, State Herbarium of SA, Science Resource Centre. SA marine biology and ecology, marine benthic consultant, marine biological education. Taxonomic expertise: SA marine flora, the tribes Griffithsiaceae and Bornetieae (Rhodophyta).

Mrs Robyn M Barker Census Coordinator/Honorary Research Associate, State Herbarium of SA, Science Resource Centre. Systematics and biology of members of the families Acanthaceae, Zygophyllaceae and genera *Hakea* (Proteaceae), *Sida* and *Abutilon* (Malvaceae) and *Rubus* (Rosaceae) Australia-wide. Building Lucid keys (Solanaceae, Blackberry, Hakea). Information from and history of older herbarium specimens and their collectors. Maintenance of SA Census and information to be gained from it.

Scientific and Research Expertise

Dr WR (Bill) Barker Honorary Research Associate, State Herbarium of SA, Science Resource Centre Taxonomy, cladistics and biogeography of Australian flora with particular emphasis on the families traditionally known as Scrophulariaceae and Stackhousiaceae and the genera *Hakea* (Proteaceae: collaboratively), *Orobanche* (Orobanchaceae) and *Lawrenzia* (Malvaceae). Development and management of institutional and national IT systems to serve herbarium collections, census and descriptive data and information (Electronic Flora of South Australia, Australia's Virtual Herbarium).

Dr Elizabeth Barnett Principal Scientific Advisor / Manager Acid Sulfate Soils, Environment Team - Coorong, Lower Lakes and Murray Mouth. Provides soil and water scientific advice and environmental management for a co-ordinated management response for the Coorong, Lower Lakes and Murray Mouth (CLLMM) Region

Mr Michael Barth Glossy Black-Cockatoo Recovery Project Officer. Threatened species recovery and management; ornithology

Mr Craig Boulderstone Principal Scientific Officer, Pastoral Program. Provides high-level scientific evaluation, methodology development and training for all the Pastoral Land Management Group functions that require scientific input. This is mainly the assessment and monitoring of the condition of pastoral leases. Also represents the department on a number of national and state scientific panels and committees. Provides advice to NRM and statutory bodies responsible for the rangelands.

Ms Joanne Boulderstone Assessment Officer, Native Vegetation Council Secretariat, Native Vegetation and Biodiversity Management. Contribute to the protection of native vegetation on private and public lands under the Native Vegetation Act 1991. Focus on providing advice and commenting on a range of roadside vegetation management planning issues (to both local councils and landowners) as they relate to the Native Vegetation Act and Regulations, including Roadside Vegetation Management Plans as they are lodged for approval by the Native Vegetation Assessment Panel. Previous experience and other interests include scattered tree assessment and conservation, threatened bird recovery, Mundulla Yellows, monitoring vegetation health, and the restoration and rehabilitation of degraded ecosystems.

Mr Graham Bell Senior Botanist, State Herbarium of SA, Science Resource Centre Primary research interest in bryophytes, particularly morphology and taxonomy of mosses of arid environments. Main group of interest is the moss family Pottiaceae, but also recently involved with taxonomy of *Bartramia* (Bartramiaceae). Secondary interests and curatorial involvement with lichens, fungi and pteridophytes. Documentation of historical collections of State Herbarium of SA. Curatorial responsibility for Rutaceae and Iridaceae.

Mr Doug Bickerton A/Manager, Seed Conservation Centre, Botanic Gardens of Adelaide Currently assisting with a conservation genetics study, looking at genetic variability within and between populations of threatened flora, with a view to understanding causes of decline and means for recovery. Past research includes control methods of the invasive plant *Agave americana* at Clinton CP on Yorke Peninsula, the response of the endangered spider-orchid *Caladenia gladiolata* to disturbance, and the population dynamics of threatened orchids.

Ms Sarah Bignell Project Officer, Marine Parks. Expertise in design principles for marine parks outer boundaries and zones, assessment criteria for reporting on achievements for zoning marine parks.

Mr Steve Bourne Manager, Naracoorte Caves, South East. Has a close association with all projects undertaken on park. This has led to involvement with palaeontological/cave climate and bat research. Palaeo research is now focused on climate change and the effects of this on fauna over time as revealed through fossil deposits.

Mr Rob Brandle Scientific Officer, Biological Survey, Science Resource Centre. Arid zone ecology, native rodent and dasyurid ecology, ecological impacts of feral herbivores. Identification and definition of flora and fauna assemblages and relating them to physical environmental attributes to describe the biota and habitats found within bio-geographic regions of South Australia. Threatened species population work focussed on population studies to determine habitat requirements, conservation status and management needs of threatened mammals (ie *Dasycercus byrnei*, *Notomys fuscus*, *N. cervinus*, *Pseudomys australis*).

Mr Daniel Brock Coast & Marine Biodiversity Officer (Acting Coast & Marine Program Manager), Kangaroo Island.

Mr Chris Brodie Weeds Botanist, State Herbarium of SA, Science Resource Centre. Weeds in South Australia - identifying, documenting and mapping occurrences; new introductions; current projects include Blackberry and the weeds of the south-east coast.

Mr Graham Brook Principal Project Officer (Water Quality and Local Government Engagement), South Australian Murray-Darling Basin. Major focus is water quality; also local government engagement

Dr Simon Bryars Project Coordinator, Coast and Marine Projects. Currently interested in the basic biology of threatened marine fishes including ageing, sexing, population genetics, and adult movements; improving re-

Scientific and Research Expertise

leased fish survival and decreasing bycatch; monitoring of threatened species distributions and abundances; and the mitigation of land-based discharges and recovery of degraded marine habitats. Previous experience is in seagrass biology and ecology, crustacean biology, and marine environmental impact assessment.

Mr James Cameron Scientific Officer - Remote Sensing, Science Resource Centre. The development and application of remote sensing satellite and aerial methodologies and analysis to environmental management.

Ms Amanda Camp Scientific Officer, Compliance Team, Native Vegetation and Biodiversity Management . Current work: developing field method to assess illegal clearance of native vegetation. Current study interests: symbiotic relationships between fungi and native plant species - develop inoculation field trials re assisting natural regeneration of bushland. Past study trials: effect of dryland salinity on native plant health & drought effects on River Murray and Lower Lakes vegetation.

Mr Peter D Canty Operations Manager, State Herbarium of SA, Science Resource Centre. Strong focus on promoting collaboration between researchers and DENR through the Research Prospectus project to maximise the scientific value obtained from already collected samples and information, and to facilitate closer links between DENR and the broader research community to work together on urgent issues. Has spent many years conducting biological surveys and specific threatened fauna research including national programs specialising in medium-sized arid-zone dasyurid marsupials (National Coordinator of the Mulgara, Ampurta and Kowari Recovery Teams). Has extensive survey experience in habitats throughout the state specialising in herpetology and botany. Also interested in fire ecology, having studied post-fire responses in plant and animal communities at a number of locations.

Ms Melanie Carson Native Vegetation Council Research Officer. Scientifically evaluate projects that potentially could be Significant Environmental Benefit Projects (SEB) and also research projects for the Native Vegetation Council.

Mrs Pam Catchside Honorary Research Associate, State Herbarium of SA, Science Resource Centre. Current research on macrofungi, their taxonomy/ecology, habitat, phenology and their interactions with other organisms and their habitats. Major taxonomic interests: Ascomycetes, truffles (both ascomycete and basidiomycete) and desert fungi.

Dr RJ (Bob) Chinnock Honorary Research Associate, State Herbarium of SA, Science Resource Centre *Eremophila* and allied genera, their relationships to the environment eg ecology, fire response, reproduction, pollinators, horticulture. The weedy Cactaceae, the classification of the Opuntiod genera in Australia in particular, their biology, dispersal methods and their control. The ferns and lycopods of Australasia including their taxonomy and biology.

Mr Jonathan Clark Program Manager - Water Resources, Eyre Peninsula . Responsible for the delivery of four program areas; developing options for the management of stressed resources, stormwater and wastewater management planning, minimising the impacts of water affecting activities and development and maintenance of water allocation plans for prescribed wells areas. Appropriate management options are determined to provide for long-term sustainable use of the resources while maintaining their integrity and the ecosystems that depend on them.

Mr Steve Clarke Wetland Restoration Ecologist, South East.

Mr Dimitri Colella Research Officer, Coast & Marine Projects. Works within the technical support team involved in the Marine Parks and Natural Resources Management mapping programs. Has set-up and run baited remote under-water video systems (BRUVS): a non-extractive, non-destructive method of collecting fish data that relates to their diversity, relative abundance, size and habitat.

Ms Karan Coombe-Smith Land Condition and Vegetation Officer, Alinytjara Wilurara. Natural Resources Management planning, Monitoring Evaluation Reporting & Improvement (MERI), threatened flora, vegetation monitoring, land condition

Mr Peter Copley Senior Ecologist Threatened Species, Natural and Cultural Resources. Threatened species, threatened community and threat research applied to habitat and species recovery. Conservation and land management on Aboriginal Lands.

Mr Tim Croft Scientific Officer Biodiversity Survey, Science Resource Centre. Focus on ecological interpretation of the habitats and conservation status of South Australia's native plant species and major vegetation communities, particularly in the agricultural districts. Main activities include understanding the vegetative components of major plant communities, plant species habitat preferences, management of remnant vegetation, biological survey, and understanding habitat requirements of the state's fauna. Additional focus on drafting pre-European vegetation mapping based on critical understanding of the landscape preferences of the major plant communities from historical and contemporary information.

Scientific and Research Expertise

Dr Hugh Cross Molecular Botanist, State Herbarium of SA, Science Resource Centre Plant molecular biology and systematics, evolution and biogeography of the Cucurbitaceae, ancient DNA, paleoecology, Historical DNA from museum and herbarium specimens, ecology and evolution of invasive species of fungi (*Amanita* spp.).

Mr Michael Cutting Principal Project Officer (Sustainable Irrigation), South Australian Murray-Darling Basin. Application of science to on-ground management; baseline data collection

Mr Prabodh Das Planning and Technical Officer, Eyre Peninsula. Responsible for undertaking scientific projects and consultancies, prepare and review regional NRM plan, including Water Allocation Plans, and provide senior level technical support and high level advice on legislative matters for long-term sustainable management of natural resources

Ms Nicki de Preu Regional Ecologist, South Australian Arid Lands. Ecological restoration in the rangelands. Monitoring and evaluation in relation to the Impact of threat abatement programs on threatened fauna and flora. Abundant species management.

Ms Cath Dickson A/Regional Ecologist, South East. Threatened species and ecological community recovery, with a key interest in population ecology of terrestrial orchids and microbats. Application of ecological research to environmental management programs.

Ms Benita Dillon Manager Conservation Programs, SA Murray-Darling Basin. Managing conservation programs within the South Australian Murray-Darling Basin with a focus on regional ecology, habitat restoration, fire, threatened species, abundant species and landholder and community engagement.

Ms Trudi Duffield Secretary, Native Vegetation Council, Native Vegetation and Biodiversity Management. Contribute to the protection of native vegetation on private and public lands under the Native Vegetation Act 1991. Focus on providing advice, to both local councils and landowners, as they relate to the Native Vegetation Act and Regulations, disseminating information on decisions under the Act/Regulations, managing minutes/agenda for the Native Vegetation Council, conduit of information between the NVBMU/NVC and external agencies. Research interests: Climate science and climate change - the impact on the environment; water conservation; community engagement.

Ms Angela Duffy Ecologist Threatened Species and Ecological Communities, Natural and Cultural Resources. Fauna ecology and distribution, particularly insectivorous bats. Threatened ecological communities. Threatened species recovery programs. Management and ecology of abundant native fauna. Application of biodiversity information to planning frameworks.

Dr Anna Dutkiewicz Senior Project Officer, Land Management. Agriculture and Natural Resource Management with research focused on remote sensing imagery for natural resource management in broadacre agricultural areas. Current areas of expertise include: forming collaborations and developing projects with researchers, Natural Resources Management boards and farming organisations to promote the adoption of more sustainable land management practices; climate change adaptation in dryland agricultural areas; monitoring, evaluation and reporting on dryland salinity across the southern agricultural areas of the state in collaboration; and research and development of a remote sensing based monitoring program to assess soil erosion

Mr Dan Duval Technical Officer, Seed Collections and Research, Botanic Gardens of Adelaide. Coordinates the seed collection program at the Botanic Gardens of Adelaide. Has an extensive knowledge of South Australia's flora, with a particular emphasis of threatened species. Research interests focused on seed biology of native plant species, and has conducted research to understand field ecology of Epacridaceae species. Has experience in propagation of native plant species.

Miss Yvette (Yvie) Eglinton Research Officer, Coast and Marine Projects. Works in the technical support team on Marine Parks and Natural Resources Management Habitat Mapping. Has worked on a range of marine environmental projects including habitat mapping, reef health, seagrass ecology and invasive species. Has an interest in reef ecology and conservation.

Mr Harald Ehmman Threatened Species Officer, Alinytjara Wilurara. Responsible for development and implementation of programs and projects to conserve threatened flora and fauna; design, implementation and reporting of robust and scientifically valid monitoring and evaluation programs.

Mr Augie Facelli Land Assessment Officer, Pastoral Program. Undertake the second round of pastoral lease assessments which involves a land and vegetation condition assessment, updating maps, lessee interview and producing a report analyzing changes since the first assessment.

Professor Peter Fairweather Scientific advisor to Coast & Marine Projects. Presently seconded to DENR to assist with the science underpinning the marine parks program but 'real life' is as Professor of Marine Biology at Flinders University (leads a team of academics, laboratory staff and students in the Marine Biology & Aquaculture

Scientific and Research Expertise

area studying the impacts of humans on coastal marine habitats and ecosystems). Research interests are in understanding ecological interactions in shallow-water ecosystems and how various human activities can affect them, including the efficient design of studies to unravel those links. Has published over the last 25 years on a wide range of taxa from microbes to cetaceans in a wide range of habitats from saltmarshes to the open ocean.

Mr Ian Falkenberg Program Manager, Northern and Yorke.

Dr Andrew Fisher Principal Advisor Landscape Management, Native Vegetation & Biodiversity Management. Expertise in landscape ecology, biodiversity conservation and sustainable agricultural systems development. Currently areas of work include improving biodiversity outcomes of environmental offsets, determining the biodiversity benefits of biodiverse carbon, and understanding the role that planted woody perennial vegetation can play in the persistence of biota. Previous experience in vertebrate fauna conservation and management, with a particular interest in avian behaviour and ecology.

Mr Tony Flaherty Manager Coast & Marine, Adelaide & Mt Lofty Ranges.

Mr Grant Flanagan Land and Water Program Manager, Kangaroo Island. Working with landholders to implement habitat conservation across the agricultural landscape and its integration with sustainable production systems. This has involved condition assessment of vegetation, the development and application of metrics involving both site and landscape scale parameters to prioritise projects and the development of a GIS database for the collection and interrogation of program data. More recently surface water monitoring and programs to facilitate the ability of both biodiversity and the community to adapt to climate change.

Dr Jennie Fluin NRM Research & Innovation Facilitator, Science Resource Centre. Linkages between universities and government in the broad area of Natural Resources Management: connecting researchers with people who use the research in either policy formation or on-ground management. Expertise and experience predominantly in the area of aquatic ecology and climate change.

Ms Kate Forrest National Rangeland NRM Alliance Coordinator / Community Engagement Program Manager, South Australian Arid Lands.

Mr Giles Forward Senior Scientific Officer, Landscape Conservation. Provide policy advice and responses on sustainable management of agricultural lands in SA, through collation, analysis and reporting of data on soil condition and land management practices. Past experience in providing land management technical advice to agricultural land managers and the rural community, and conducting applied research in soil management practices in agriculture and horticulture, and wind erosion monitoring. Involved in national project working groups for wind erosion monitoring, groundcover monitoring by remote sensing, land use and land management practices.

Mr Doug Fotheringham Principal Advisor, Coastal Management. Specialist knowledge on coastal geomorphology, coastal ecology. The Monitoring and Evaluation Program conducts dune beach and seabed monitoring, erosion investigations, coastal conservation and ecological studies, and undertakes the Coast Protection Boards regional works program.

Dr Jeff Foulkes Principal Advisor, Ecological Analysis & Monitoring, Science Resource Centre. Interested in the impacts of climate change on the distribution of terrestrial vertebrates and vascular plants, arid zone ecology and impacts of threats and dietary ecology and diet selection in vertebrates.

Mr Andrew Freeman Program Manager - Biodiversity, Eyre Peninsula. Conservation of biodiversity on private land; conservation and recovery of threatened flora and fauna across landscape (including threatened vegetation associations)

Ms Fiona Fuhlbohm Senior Wildlife Officer Abundant Species, Natural and Cultural Resources. Research into the environmental, economic and social impacts of native species that cause detrimental impacts, and investigations into the effectiveness of mitigation strategies and development of new and/or novel technologies.

Mr Jody Gates Senior Conservation Policy and Planning Officer. Avian ecology and conservation and threatened species ecology.

Mr Steven Gatti Manager Projects and Information, Adelaide & Mt Lofty Ranges. Urban water management, including stormwater and waste water use/reuse and planning, urban (and rural) watercourse management, groundwater planning and processes, environmental flows, water quality improvement.

Dr Amy George Senior Ecologist, Ecological Investigations - Coorong, Lower Lakes and Murray Mouth. Aquatic ecology, floodplain ecosystem dynamics, integration of science and policy. Provides project management for key ecological projects and contributes to project integration.

Ms Sharon Gillam Biodiversity Status Assessment Officer, Science Resource Centre. Setting conservation priorities for native species, using a clear and repeatable system that can be applied consistently to any group

Scientific and Research Expertise

of species to guide species conservation and recovery. Also interested in the conservation and recovery of threatened bird populations including Malleefowl and Hooded Plover.

Mr Craig Gillespie Monitoring Officer, Urban Biodiversity, Adelaide & Mt Lofty Ranges. Monitoring of ecological processes involved in restoration/regeneration (terrestrial), experience in field research on habitat use by birds.

Ms Emma Ginman Fire Planning Officer, Fire Management. Experience in field research and policy development relating to abundant species, pest species, threatened species, stakeholder management, and socio-economic aspects of biodiversity conservation and management. Postgraduate research into dispersal ecology of a parasitic agricultural weed, and the application of those results to quarantine procedures.

Ms Amy Goodman Regional Planning Manager, South Australian Murray-Darling Basin. Major focus is the NRM Plan; also monitoring, evaluation and reporting - including evaluation of the performance of the plan; and the Board's Research Prospectus

Ms Katherine Goss Wetlands Project Officer, Ecological Investigations, CLLMM Program. Contributes to the planning and delivery of the CLLMM projects with a focus on monitoring and community monitoring of ecological components within system to inform management decision making

Mr Travis Gotch Great Artesian Basin Chief Investigator, South Australian Arid Lands. Responsible for delivering the field work component of the Great Artesian Basin Springs project

Ms Justine Graham Manager Conservation Programs, Eyre Peninsula.

Ms Kate Graham Bush Management Advisor, Adelaide & Mt Lofty Ranges. Main interests include support of biodiversity conservation on private land especially Heritage Agreement areas, flora and vegetation community survey and mapping, community capacity building in conserving native biodiversity

Dr Greg Guerin Ecologist, Threatened Species and Ecological Communities/Environmental Officer - Mining. Previous research experience in taxonomy and evolutionary biology; technical science experience in regional threatened species evaluations, targeted taxonomy, plant identification and flora profile writing. Author of 2 fossil species of Casuarinaceae and 16 living taxa of Lamiaceae (in the genera *Hemigenia* and *Westringia*). Research interests include phylogenetics, taxonomy, floral biology, fruit/diaspore morphology and dispersal syndromes, diversification and speciation mechanisms and processes. Assessment (of status and impacts) and management of threatened species and ecological communities.

Ms Penny Gunner Manager, Communications and Community Engagement. Community engagement and community perceptions of biodiversity, environmental issues and the impact of climate change.

Dr Fred Gurgel Marine Botanist, State Herbarium of SA, Science Resource Centre (Joint appointment with University of Adelaide and South Australian Research and Development Institute). Taxonomy, biogeography, molecular systematics and molecular ecology of marine macroalgae. Also interested in understanding how biotic and abiotic macro and micro-evolutionary processes shape genotypic, phenotypic and spatial variation in the marine environment, at different levels of biological organization.

Ms Arkellah Hall Project Manager, Wetlands Conservation. Aquatic ecology, threatened species, threatened communities, ecosystem services, landscape conservation, protected areas. Threatened fish management, research, landscape scale conservation efforts, e-watering, food-web dynamics, conservation planning.

Mr James Hall Acting Principal Soil Scientist, Soil & Land Program. The provision and development of spatial information on the nature and condition of our landscapes and soils for improved natural resource management and land-use planning and policy development (in particular for the big issues of climate change, food security, biodiversity management, water management, land management, land-use planning and integrated NRM). This includes the capacity to spatially model landscape scenarios and risks (e.g. for climate change). Leadership of the State Land & Soil Mapping Program and the State Land & Soil Spatial Information Framework. Custodian and developer of a range of information products describing the nature, specific attributes, limitations and potential of SA landscapes and soils (e.g. *The Soils of Southern SA*, *Regional Land Resource Information for Southern SA*, and *Land & Soil Spatial Data for Southern SA - GIS Format*). Knowledge of landscape and soil processes (e.g. acidification, salinisation, erosion, water-soil-plant interactions and soil carbon).

Ms Louisa Halliday Manager, Policy and Planning, Coorong Lower Lakes and Murray Mouth. Interested in the links between science, policy and on ground outcomes across a range of biodiversity conservation related fields including community and population ecology, fire ecology, socio-economic drivers and the applied use of Geographical Information Systems (GIS) to support decision making.

Mr David Hart Operations Manager Ecological Analysis and Monitoring, Science Resource Centre. Main interest is the use of remote sensing, photogrammetry and related spatial information such as digital elevation

Scientific and Research Expertise

models to classify and delineate land and benthic cover, with a specialisation in mapping present and historical extents of seagrass using remote sensing.

Mr Barry Hayden Program Coordinator, Visitor Management, Visitor Strategy Policy and Planning. Engaging with park visitors, as well as economically, socially and mobility disadvantaged groups, to better understand their needs and respond to barriers of use. Researching the social, economic and environmental value of South Australia's parks and visitor experiences to guide priorities for future investment.

Ms Lee Heard Research Ecologist - Ecological Analysis, Science Resource Centre. Main interests include vegetation communities survey, mapping and condition assessment (including roadside vegetation value, survey, assessment and mapping), applied use of remote sensing (satellite & air-borne) to assist mapping native vegetation communities, grassy ecosystems, applied use of biodiversity conservation planning approaches in conjunction with market based instruments and landscape ecology.

Dr Meredith K Henderson Acting Manager, Conservation and Land Management. Main area of research interest is on the ecological consequences of disturbance on plants, particularly the critical life cycle processes (natality, mortality and fecundity) that allow plants to persist in the face of disturbance. I work from a population and plant-functional-type perspective. Research interests are in fire behaviour and fuel dynamics in spatially heterogeneous (mallee) and homogeneous (heath) vegetation types.

Mr Tim Herrmann Principal Technical Advisor, Sustainable Agriculture Landscapes, Policy. Policy and program development and implementation relating to soil and land management, soil protection from erosion, best practice to manage and improve land condition, carbon sequestration in soils and woody crops, use of perennial plants in farming systems, and adaptation of farming systems in response to a changing climate.

Mr Jason Higham Manager, Ecological Investigations, CLLMM. Ecosystem services, environmental water requirements, fish ecology, aquatic ecology. High level policy advice for conservation and environmental management specifically in regards to inland aquatic and estuarine ecosystems.

Mr Trevor Hobbs Senior Technical Advisor, Landscape Analysis, Science Resource Centre (DENR/Future Farm Industries CRC). Research leader for the selection and development of new native wood crop species and industries, including carbon sequestration models, accounting methodologies and climate change adaptations, in dryland agriculture regions of Southern Australia. Developer of regional industry potential analysis methodologies, geographic information systems, and feasibility studies of woody crop and carbon industries. Previously worked as an arid zone ecologist and landscape modeller for CSIRO Sustainable Ecosystems based in Alice Springs.

Mr Mike Hodder Team Leader, Biodiversity Assessments, Native Vegetation & Biodiversity Management. Vegetation survey, mapping and biodiversity assessment in relation to applications under the Native Vegetation Act 1991, Native Vegetation Regulations 2003 and inter-agency comments. Particular interest in rapid biodiversity assessment techniques.

Mr Iggy Honan Program Manager - Biosecurity, Eyre Peninsula. Pest plant distribution, mapping, monitoring and control programs, pest animal control programs, community education and awareness of priority pest plant species, the protection of conservation areas, maintaining positive relationships with community members including local industry and state departments.

Mr Justin Jay Senior Technical Officer, Science Resource Centre. Statewide biological monitoring & survey programs, rangeland land condition assessment, vegetation grazing indicators & biomass offtake assessment, vegetation community restoration condition states, photopoint resources administration & custodianship

Mr Scott Jennings Ecologist, Wildlife Management, Natural and Cultural Resources. Research into practical techniques and applications for vertebrate pest and abundant species control programs, survey and monitoring of threatened and abundant fauna, and developing policies and protocols for wildlife management.

Dr John Jessop Honorary Research Associate, State Herbarium of SA, Science Resource Centre. Principal research interests in monocot groups, especially grasses, and significant involvement with flora treatments and plant censuses.

Mr Randall Johnson A/Manager Conservation Partnerships. Aquatic ecosystems, ground-water dependency, the development of a framework for terrestrial biodiversity indicators. Also currently commissioning research on ecosystem services markets.

Ms Ann Marie Jolley Project Officer - Acid Sulfate Soils, Environment Team - Coorong, Lower Lakes and Murray Mouth. Contributes to the preparation and coordination of monitoring and the management response for the Lower Lakes component of the CLLMM projects and other related significant and on-ground projects

Dr Manfred Jusaitis Senior Biologist, Conservation Biology, Botanic Gardens of Adelaide. Interested in all aspects of the biology and ecology of rare and threatened plants of South Australia in relation to their ecosys-

tems, including ecology of threatened plants and their populations; elucidation of threats to endangered plant populations and their mitigation; plant translocation and its role in the recovery process; responses of threatened plants to fire; propagation physiology as a tool in conservation science; seed dormancy and germination.

Mr Ben Kaethner Fire Ecologist, South Australian Murray-Darling Basin. Main interest is better understanding and managing the fire component of the Murraylands Threatened Mallee Birds program. Gaining a better understanding of species' responses to fire, and how fire can be used to protect or benefit these species is important in improving the way we manage fire within parks and throughout the landscape, particularly in the face of climate change.

Ms Sophie Keen Monitoring and Evaluation Officer, Eyre Peninsula. Status and efficacy of individual monitoring activities in the region. Collection, analysis and reporting of monitoring and evaluation data; identification, establishment and implementation of best practice integrated natural resource management targets, indicators and reporting systems.

Dr Jürgen Kellermann Senior Botanist - Flora Coordinator, State Herbarium of SA, Science Resource Centre. Editor, Flora of South Australia; Editor, Journal of the Adelaide Botanic Gardens. Research focus is on the taxonomy and nomenclature of vascular plants, in particular the plant family Rhamnaceae. I am interested in the relationships of the Australian endemic species with plants from other regions of the world. I approach these questions with both morphological and molecular methods in collaboration with colleagues from Australia and overseas. Current projects include the preparation of the Flora of Australia treatment for Rhamnaceae, and work on several plant families for the Flora of South Australia and the Flora of Tasmania. Also interested in botanical nomenclature and the history of Botany.

Ms Brooke Kerin Natural Resource Management Officer - Lower North Region, Northern and Yorke.

Ms Martine Kinloch Coast & Marine Program Manager, Kangaroo Island.

Dr Gerry Kraft Honorary Research Associate, State Herbarium of SA, Science Resource Centre. Taxonomy and biogeography of marine macroalgae, worldwide.

Mr Anton Kurray Acting Operations Manager, South East. Management of Pest Plant and Animal Control program and projects - South East

Mr Frank Kutsche Scientific Project Officer, Science Resource Centre. Monitoring and Assessment of Pastoral land condition, and Crown Land parcels. Producing a publication with technical content tailored for a broad audience

Ms Sarah Lance Principal Project Officer (Biodiversity), South Australian Murray-Darling Basin. Bushland condition monitoring, biological surveys, market based incentives, site management and restoration, on-ground works, species of the SA MDB

Dr Peter Lang Scientific Officer, State Herbarium of SA, Science Resource Centre. In vascular plant taxonomy has described new taxa in *Acacia*, *Pultenaea*, *Eucalyptus*, *Calostemma* and *Olearia* and has long been involved in making regional assessments of plant conservation status. Has a major interest in isolated plant populations and their biogeographical and phylogenetic relationships. Also has a research interest in Jewel Beetles (Buprestidae): their taxonomy and phylogenetic relationships, their conservation status, ecology, and particularly their relationships with host plant species at adult and larval stages.

Ms Bernadette Lawson Principle Project Officer Land Management, South Australian Murray-Darling Basin. Dryland management, sustainable agriculture practices, management of soils,

Ms Michelle Le Duff Threatened Fauna Recovery Officer, South East. Implementation of the Natural Heritage Trust-funded 'Orange-bellied Parrot Habitat Protection and Restoration' project. Research interests focus on the conservation and management of threatened species and ecological communities, in particular threatened fauna. Particularly interested in the development of techniques for monitoring and evaluating the success of management actions implemented as part of threatened species projects.

Ms Sarah Lewis Senior Monitoring & Evaluation Officer, Regional NRM Support.

Mr Rob Lincoln Yorke Peninsula Group Team Leader, Northern and Yorke.

Ms Kate Lloyd Research Permits Officer, Science Resource Centre. Manages the scientific research permit assessment, approval and issue processes for research conducted within the state's system of reserves or involving the collection or use of protected wildlife. Executive Officer for the Wildlife Ethics Committee.

Mrs Sorell Lock Scientific Officer, Ecological Monitoring - Coorong, Lower Lakes and Murray Mouth. Contributes to the planning and delivery of the CLLMM projects with a focus on monitoring of ecological components within system

Aude Loisier Coast and Marine Officer, Alinytjara Wilurara . Focus on conservation of intertidal reefs.

Professor Andrew Lowe Head of Science, DENR and Chair of Plant Conservation Biology, Australian Centre for Evolutionary Biology & Biodiversity, University of Adelaide. Plant ecological and evolutionary genetics, conservation genetics, molecular ecology and systematics. Micro-evolutionary consequences of hybridization between introduced weeds and natives species. Influence of gene flow and selection pressure changes across a range of fragmented and human-impacted landscapes. Application of molecular markers, spatial modelling and genomic assessments of adaptive genes to answer how do plants survive and adapt to anthropomorphized landscapes.

Mr Greg Lundstrom Senior Project Officer (Community Monitoring / Climate & Energy), South Australian Murray-Darling Basin. Community monitoring and engagement, particularly with respect to climate and energy

Mr John Maconochie Scientific Officer, Rangelands.

Mr Henry Mancini Senior Water Project Officer, South Australian Arid Lands. Landscapes and communities research - understanding ecological processes and functioning of arid lands aquatic ecosystems. Baseline data collection to prioritise investment includes ecological condition assessments and monitoring of aquatic biota. Combining ecological and Aboriginal cultural knowledge to inform management decisions for protection of high priority aquatic ecosystems.

Ms Kelly Marsland Principal Project Officer Wetlands, South Australian Murray-Darling Basin. Wetlands surveys, ecological survey design, monitoring and planning

Mr John McDonald Scientific Officer, Science Resource Centre. Principal focus is assessment of herbivory in Protected Areas and threatened ecosystems of arid and semi-arid areas. This includes the recovery of ecological communities with long history of commercial grazing that has now ceased, impacts of large herbivores subject to management controls in Parks and Reserves and disturbance regimes in threatened ecosystems where commercial grazing occurs. The aim is to develop monitoring and evaluation procedures based on functional/dysfunctional ecosystem models, projected recovery processes and ongoing herbivore influences for condition and trend reporting at state level using indicators fitting national standards.

Ms Kerry McEwan Program Manager - Coast and Marine, Eyre Peninsula. Conservation and restoration of coast, estuarine and marine environments (CEM), across public and private land. Research/interests include marine debris surveys and analysis, stormwater impacts on coast and marine environments (including water sensitive urban design abatement measures)

Dr Allen McIlwee NatureLinks Policy Support Officer, Science Resource Centre. Regional and landscape scale conservation planning, climate change policy and decision making processes that underlie effective Natural Resource Management. Current role is to provide specialist scientific and technical support to guide the development of regional conservation activities in the five NatureLinks corridors and the Trans Australian EcoLink (TAE). This includes the collation, analysis and synthesis of information to inform conservation planning decisions. Most of the work is currently focused on the South Australian rangelands, including TAE and the Arid Lands & Flinders Olary NatureLinks. I am interested in applying the best available scientific principles and practices to improve natural resource management; to share, communicate and embed knowledge and concepts from the fields of landscape ecology, conservation biology and ecological restoration into NatureLinks conservation policy and practice.

Dr David McKenna Fire Management Officer - Ecology, Fire Management. Fire Ecology, including understanding the fire responses of flora and fauna and how this can be used to direct the application of fire for management of biodiversity. This includes coordination of monitoring to collect and analyse new fire response information and analysis of existing data. Also provides ecological support for the fire management planning process

Mr Matt Miles Principal Advisor GIS Analysis, Science Resource Centre. Use of spatial information tools to describe, analyse and model landscape processes and risks particularly relating to groundwater/floodplain salinisation along the River Murray. Integration of spatial models for landscape modelling and decision support.

Mr David Miller Senior Research Officer, Coast and Marine Projects . Mapping marine habitats using acoustic and underwater video techniques and monitoring change in marine systems. Previously worked extensively on seagrass and algal ecology and physiology.

Ms Leanne Mladovan Threatened Mallee Birds Project Officer, South Australian Murray-Darling Basin. Conservation and restoration of ecosystem function across landscapes. Current focus is threatened species research, from autecological work to habitat assessments and population dynamics.

Dr Robyn Molsher Wildlife Management Officer, Kangaroo Island. Current focus is management of over-abundant koala populations on Kangaroo Island and the influence of sterilisation and translocation on spa-

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tial behaviour and longevity of Koalas. Previous experience in feral cat and fox ecology, threatened species recovery planning and wetland management.

Robyn Morcom Research Officer, Coast and Marine Projects . The application of ecological understanding towards conservation and management. Previously worked as a park ranger in various coastal locations around the state. Currently focused on the design and development of marine protected areas for South Australia.

Ms Jennifer Munro Natural Resource Management Officer - Water, Northern and Yorke.

Dr Sue Murray-Jones Marine Biologist, Coastal Management . Population biology/ecology of sandy beach organisms, including comparison of recreational and commercial harvesting, gene flow, reproductive output, distribution and abundance estimate. Also many collaborative projects such as seagrass restoration, reef health, marine habitat mapping, impacts from aquaculture.

Ms Rebecca Mussared NRM Support Officer, Kangaroo Island.

Mr Nick Neagle Coordinator, Survey, Science Resource Centre. Main interests lie with biological survey work (defining flora [and to a lesser extent] fauna assemblages based on survey site data and relating these to physical environment attributes), arid zone monitoring (including Landscape Function Analysis), definition and assessment of threatened plant communities and CARRS (comprehensive, adequate and representative reserve system) assessments of reserve network.

Mr Craig Neumann Scientific Officer, Science Resource Centre (DENR/Future Farm Industries CRC). Research into the development of native woody crops for new rural industries. Management of woody crop field trials, plantation growth surveys and the development of carbon accounting methodologies. Supervising field operations in carbon sequestration from revegetation projects and conducting land condition monitoring surveys for soil protection. Past experience in locust control and ecology in remote areas with the Australian Plague Locust Commission.

Mr David New Landcare Coordinator Aboriginal Communities, South East.

Mr David Oag Pastoral Inspector, Regional Services Delivery.

Ms Helen Owens Scientific Officer, Science Resource Centre. Involvement in the collection, management and distribution of biological data for South Australia, with particular reference to the Biological Databases of SA (BDBSA). This involves developing partnerships with, and training, program and regional staff within DENR and also other major institutions including the SA Museum, relevant NGOs and universities. Responsibilities include maintenance and distribution of taxonomic lists and species distribution. Other areas of interest and past involvement include mammal, reptile and amphibian ecology, biological surveys, threatened species research, scientific permits and Wildlife Ethics Committee.

Mr Martin O'Leary Technical Officer, State Herbarium of SA, Science Resource Centre Main interest and herbarium curatorial responsibilities for *Acacia* and also the Myrtaceae. Experience and interest in the South Australian flora in general (their taxonomic relationships, distribution, biology, cultivation and ethnobotany). Past work includes rare and endangered species and their propagation through seed germination, cuttings and tissue culture.

Ms Gill Peacey NRM Programs Manager, Regional NRM Support.

Mr Reece Pedler Community Fauna Recovery Officer / Acting Operations Manager, South Australian Arid Lands. Focus on increasing understanding relevant to the conservation of threatened mammal, reptile and bird species in the SA Arid Lands region. Methods involve innovative programs to involve outback community through education and direct participation in projects.

Mr John Peet Monitoring, Evaluation and Reporting Officer, Northern and Yorke.

Mrs Angela Pestell Planner Kangaroos on Reserves, Natural and Cultural Resources. Policy development for over-abundant and impact-causing native species, particularly macropod management on reserves; reserve management planning; ecology of western pygmy possums at Innes National Park, including investigation of diet, genetic structure across the species' range, nesting, and considerations for trapping; fauna and flora surveys.

Mr Stuart Pillman Principal Advisor Ecological Information & Standards, Science Resource Centre. Current interest and expertise in biological data curation, integration and delivery, at a state and national level. Previous experience in ecological survey and monitoring, adaptive land management on private and public lands. Currently involved in the Terrestrial Ecosystem Research Network and Atlas of Living Australia projects, and DENR ecological information standards.

Dr Phil Pisanu Principal Advisor Ecological Analysis, Science Resource Centre. I work with a multi-disciplinary team of terrestrial ecologists and GIS specialists. The primary focus of my work is on vegetation analysis and

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mapping, including investigating new ways to improve South Australia's baseline floristic mapping a state scale. I provide advice to policy makers and regional managers on methods for conservation planning and evaluation of biodiversity. I continue to have an interest in fire ecology research, particularly the interface between science and adaptive management in mallee dominated communities.

Ms Katrina Pobke Threatened Species Project Officer, Eyre Peninsula. Threatened species and botanical work, with a main focus on addressing biology and ecology gaps relating to nationally listed threatened flora species on Eyre Peninsula. Recent work includes a recovery plan for these species. Also interested in understanding climate change and how to manage landscapes for species adaptation.

Dr Leanne M Pound Para Woodland Restoration Ecologist, Adelaide & Mt Lofty Ranges. Mine site restoration ecology, focused on seed biology research, in situ plant establishment and effect of mining activities on restoration. Research on native plant species located within Yellabinna Regional Reserve, with a view to understanding seed dormancy breaking and germination requirements. Investigation of the effect of topsoil storage on the longevity and viability of the soil seed bank.

Mr Joe Quarmby Threatened Flora Ecologist, Adelaide & Mt Lofty Ranges. Implementing recovery actions for threatened flora including population surveys, monitoring population dynamics, threat abatement and monitoring, and other research related to biology and ecology of threatened flora. Recent research has focused on the effects of fire and disturbance on threatened plants especially orchids, and the biology/ecology of *Caladenia* (Orchidaceae) species. Also involved with genetic studies of threatened plants including *Allocasuarina robusta*, *Eucalyptus paludicola*, and *Veronica derwentiana*.

Ms Rebekah Rasheed Natural Resource Management Officer - Upper North Region, Northern and Yorke.

Ms Callena Rawlings Acting Community Engagement Manager, South East. Management of Community Engagement program and projects - South East

Mr Grant Roberts Lower North Group Team Leader, Northern and Yorke.

Dr Dan Rogers Ecologist (Restoration Ecology), Science Resource Centre. Identifying landscape-scale ecosystem conservation priorities using Landscape Assessment; supporting landscape conservation planning; aquatic ecosystems; birds

Dr Alec Rolston Senior Project Officer, Ecological Investigations - Coorong, Lower Lakes and Murray Mouth. Provides ecological advice on environmental management for coordinated management response for the CLLMM region

Mr Henry Rutherford Research Officer, Coast and Marine Projects. Marine surveys to produce habitat maps, and aquatic species assemblages. Interests are in landscape management and ecology found at the marine / atmosphere interface. Background includes work as a fire research ecologist.

Ms Ellen Ryan-Colton Regional Ecologist, South Australian Murray-Darling Basin.

Ms Julie Sandercock Social Research Coordinator, Science Resource Centre. Coordinate social research to measure targets identified in the People and Parks Visitor Strategy for South Australia's Parks and Reserves. Review and develop parks visitor data/information to meet the needs of the Visitor Strategy.

Ms Philippa Schmucker Program Manager, Alinytjara Wilurara. Responsible for supporting Aboriginal community involvement in natural resources management; with a strong interest in bringing together traditional and scientific knowledge to care for country.

Mr Russell Seaman Manager, Environmental Program, CLLMM. Riverine landscape restoration, carbon markets, ecosystem services. Develops strategic environmental and program direction, implements key projects, contributes to the implementation of policy, represents DENR on state and national Committees, manages environmental team. Wetland ecological and landscape restoration expertise, water security management, management of ecosystems during drought and recovery, consultation with stakeholders and indigenous groups, negotiation and collaboration skills.

Dr Andy Sharp Conservation Programs Manager & Regional Ecologist, Northern & Yorke. Population ecology, the conservation implications of predator-prey relations, threatened species population management and over-abundant species management.

Mr Andrew Sheath Pastoral Assessment Officer, Regional Services.

Mr Adrian Simpson Program Manager - Aboriginal, Eyre Peninsula. Consult with aboriginal landholders on NRM issues, plan, cost and secure funds to deliver onground works, manage onground works projects, supervise small groups carrying out works on properties, promote and involve Aboriginal landowners and individuals in the management of natural resources across EP, participate in works of all NRM programs - Biosecurity, Biodiversity, Water and Coastcare

Scientific and Research Expertise

Mr David Sloper Natural Resource Management Officer - Yorke Peninsula, Northern and Yorke.

Mrs Felicity Smith Database Coordinator, Science Resource Centre. Facilitation of database requirements and solutions for environmental information with a knowledge of the scientific basis behind the data being collected. Extensive experience in the analysis and delivery of spatial information. Interested in plant ecology and have a detailed knowledge of native vegetation mapping in South Australia.

Mr Keith Smith Project Manager Monitoring, Evaluation and Reporting Framework, Adelaide & Mt Lofty Ranges.

Ms Joan Smolinski Project Officer, Marine Parks. Marine planning and marine parks

Mr Fred Stadter Commonwealth & State Programs Manager, South East. Management of the Soils and Land Management Programs - South East

Mr Mark Stanley Deputy Regional Manager - NRM and Program Manager - Sustainable Farming Systems, Eyre Peninsula. Climate change science, industry and community engagement, sustainable agriculture, landscape science, regional communities / development

Mr Joe Stelmann Fire Officer, Alinytjara Wilurara. Development and implementation of monitoring and evaluation programs for projects relating to fire management, with regard to relevant standards and frameworks; engagement and collaboration with local communities and stakeholders to inform programs and facilitate implementation.

Ms Lisa Stevens Assistant NRM Officer, South Australian Arid Lands.

Mr Hafiz Stewart Project Manager, Coorong Lower Lakes and Murray Mouth. Bird ecology across South Australian environments, particularly in arid regions. Also particularly interested in landscape ecology and restoration ecology and the use of bird species and communities to help understand ecosystem processes at larger scales; prioritisation and design of restoration works.

Mr Jeff Stringer Pastoral Inspector, Regional Services Delivery.

Dr Wendy Stubbs A/ Manager Biodiversity Conservation, Adelaide & Mt Lofty Ranges. Background in theoretical plant ecology, particularly deriving computer models to test for the presence of assembly rules in coastal plant communities. Interested in the development of monitoring techniques for threatened, pest and common species in particular to assess the effectiveness of management actions and threat mitigation techniques. Also interested in the use of conservation planning theory in directing on-ground conservation.

Mr Joseph Sullivan Water Resources Officer, Kangaroo Island.

Dr Oisín Sweeney Project Manager / Ecologist Threatened Species and Habitat Recovery. Interests include woodland ecology, bird communities, saproxylic invertebrates

Ms Susan Sweeney Senior Project Officer, Climate and Land Science, Policy. Climate change adaptation i.e. natural resource management, land management, ecosystems and production systems impacted by climate change in South Australia. Developing and managing investigation and extension projects across the State, and informing policy. Collaborating with relevant research organisations in the development of new technologies and climate change adaptation practices with a strong emphasis on collaboration and adoption. Adaptive management.

Dr David Symon Honorary Research Associate, State Herbarium of SA, Science Resource Centre. Expertise on the Nightshades (Solanaceae) and the general botany of South Australia including non-native species. Particular involvement in the sorting out of the taxonomy of weedy blackberry (*Rubus*) species for Australia. Recently produced a popular book on Sturt Pea, *Sturt pea: a most splendid plant*, and has more recently been working on a collection of poems relating to Australian plants. Life member of the Australian Systematic Botany Society.

Mr Ben Taylor Project Ecologist, Coorong - Coorong, Lower Lakes and Murray Mouth. Contributes to the planning and delivery of the CLLMM projects with a Coorong focus

Ms Lisa Taylor NRM Officer, South Australian Arid Lands.

Mr Kevin Teague Upper North Group Team Leader, Northern and Yorke.

Mr James Thiessen Wetland Ecologist, Ecological Monitoring - Coorong, Lower Lakes and Murray Mouth. Contributes to the planning and delivery of the CLLMM projects with a focus on monitoring of ecological components within system to inform management decision making

Dr Hellmut Toelken Honorary Research Associate, State Herbarium of SA, Science Resource Centre Taxonomy, systematics and biology of: *Kunzea* (Myrtaceae); eastern Australian species of *Hibbertia* (Dilleniaceae); Crassulaceae specifically *Crassula*; *Carpobrotus* and *Sarconzonia* (Aizoaceae).

Scientific and Research Expertise

Dr Murray Townsend Manager, Coastal Management. Coastal processes, climate change adaptation

Mr Merv Tucker Field Officer, Science Resource Centre (DENR/Future Farm Industries CRC). Field trial site management at DENR's Monarto Research Site, plantation growth surveys and research on carbon sequestration from revegetation, and landscape condition monitoring for soil protection. Wealth of practical, remote area and operational skills from farming, major construction industry and outback travel experiences.

Mr Chris Turner Senior Pastoral Inspector, Regional Services Delivery.

Dr David Turner Program Leader Biodiversity-Baselines, Adelaide & Mt Lofty Ranges. Background in temperate marine ecology with emphasis on reef systems, but with broad interests in conservation ecology, sustainable development and ecological modelling. Recent work involves species and community modelling, quantitative analysis of ecological systems, and making predictions associated with changes to management regimes and global warming. The aim of the work is to develop robust baselines for tracking ecological change and to produce dynamic decision support tools that will enable adaptive management of biodiversity.

Ms Rebecca Turner Principal Project Officer Wetlands, South Australian Murray-Darling Basin. Wetlands surveys, monitoring and planning

Mr Jason van Weenen A/Regional Ecologist, Adelaide and Mt Lofty Ranges. Main interests include threatened species conservation and management, threatened ecological conservation and management, abundant species management, threatening processes.

Ms Renate Velzeboer Biosecurity Officer, Natural and Cultural Resources *Phytophthora cinnamomi* (Pc) with a focus on understanding the impact of Pc on native plant species, the impact of fire on the spread of Pc and management of Pc including the restoration of affected areas. Also interested in assessing risks and potential impacts of exotic pests (plants and animals) and diseases currently not found in SA, but posing a potential threat to South Australia's natural environment.

Ms Patricia von Baumgarten Principal Marine Adviser, Policy. Coastal, estuarine and marine: ecology, species, conservation, planning and management; public policy and management; coastal, estuarine and marine legislation, policies, strategies; national and international best practice coastal, estuarine and marine conservation and management.

Ms Helen Vonow Collections Manager, State Herbarium of SA, Science Resource Centre. Management of the collections held in the State Herbarium of SA, data capture and curation processes. A secondary focus is plant identification (flowering plants in general) and the Census of South Australian Plants, Algae and Fungi. Curatorial responsibility for the Compositae (Asteraceae), and sundry small families including the aquatic angiosperms and petaloid monocots.

Mr Robert Wallace Senior Project Officer Habitat Restoration, Native Vegetation & Biodiversity Management. Managing Significant Environmental Benefit (SEB) Monitoring and Compliance Program. Developing tools to gain better restoration and more effective monitoring outcomes for SEBs and Natural Resources Management (NRM) generally.

Ms Heather Walraven Project Officer, Natural and Cultural Resources. Scientifically evaluate research projects for the Native Vegetation Council.

Ms Janet Walton NRM Officer, South Australian Arid Lands.

Dr Matt Ward Regional Ecologist, Aboriginal Lands. Indigenous land management, indigenous ecological knowledge, threatened species conservation, fire ecology (temperate and arid), ornithology, animal-plant interactions, mistletoe ecology, eucalyptus ecology and health.

Ms Jackie Watts Monitoring and Evaluation Officer, South Australian Arid Lands.

Mr Cameron Welsh Water Allocation Planning Manager, South Australian Murray-Darling Basin. Use of science to inform policy

Mr Andrew West Manager Biodiversity Conservation, Adelaide & Mt Lofty Ranges.

Dr Nick Whiterod Ecologist, Regional Services Delivery, Conservation Programs. Landscape-scale conservation planning, freshwater ecosystems and species; threatened species

Mr Rory Wiadrowski Senior Sustainable Landscapes Officer, Kangaroo Island.

Dr Stephanie Williams Principal Science Coordinator, Science Resource Centre. Climate change adaptation, resilience theory, models for adaptive management, futures thinking, science informed policy; expertise in avian ecology, evolutionary biology, restoration ecology, species recovery and semi-arid ecological systems

Mr David Williamson Manager Major Projects, South East. Management of Water Planning program and projects - South East

Scientific and Research Expertise

Ms Sarah Willmott Senior NRM Officer, Performance Reporting, Regional NRM Support.

Dr Nigel Willoughby Habitat Restoration Ecologist, South Australian Murray-Darling Basin. Interested in using the biological information and planning processes necessary to implement effective conservation/restoration strategies. Currently working on a large scale restoration project in the SA Murray-Darling Basin.

Mr Colin Wilson Monitoring and Evaluation Officer, Kangaroo Island.

Ms Carolyn Woods Land Assessment Officer, Pastoral Program. Undertake the second round of pastoral lease assessments which involves a land and vegetation condition assessment, updating maps, lessee interview and producing a report analyzing changes since the first assessment. Past experience in catchment management particularly implementation of projects and community engagement, and management of large and small scale natural area restoration projects.

Mr Mike Wouters Senior Fire Ecologist, Fire Management. Response of flora and fauna to fire, fire ecology and behaviour, developing fire regimes for biodiversity conservation, fuel hazard accumulation, fire spread and impact modelling, knowledge transfer, community engagement (in relation to fire management), social attitudes to fire

Ms Alison Wright Senior Marine Advisor (Science), Coast and Marine Projects . Spatial sciences and protected area network design, in particular marine protected areas. Environmental management, specialising in coastal studies and Geographical Information Systems.

Ms Elspeth Young Senior Ecologist, Natural and Cultural Resources. Policy and program implementation relating to conservation on private land, best practice conservation management techniques and Heritage Agreements. Also landscape-scale conservation policy and ecological restoration; goal-based conservation management techniques.

Science and Research Outputs

Publications

Refereed Journals

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- Baker JL, Shepherd SA, **Turner DJ**, Edyvane K 2008, 'Investigator Group Expedition 2006: Benthic macroalgae studies at islands in the eastern Great Australian Bight of over three decades', *Transactions of the Royal Society of South Australia*, vol. 132 no. 2 pp. 251-267
- Bardsley D.K. and **Sweeney S.M.** 2010, 'Guiding climate change adaptation within vulnerable natural resource management systems.', *Environmental Management*, vol. 45 pp. 1127-1141
- Barker RM** 2007, 'Two newly described species and a draft key to the species of *Sida* s.lat. from Western Australia', *Nuytsia*, vol. 17 pp. 13-30
- Barker RM** 2007, 'The botanical legacy of 1802. South Australian plants collected by Robert Brown and Peter Good on Matthew Flinders *Investigator* and by the French scientists on Baudin's *Geographe* and *Naturaliste*', *Journal of the Adelaide Botanic Gardens*, vol. 21 pp. 5-44
- Barker RM** & Bates RJ 2008, 'New combinations in *Pterostylis* and *Caladenia* and other name changes in the Orchidaceae of South Australia', *Journal of the Adelaide Botanic Gardens*, vol. 22 pp. 101-104
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- Barker RM** & George AS 2007, '*Calycopleplus* (Euphorbiaceae) not in South Australia', *Journal of the Adelaide Botanic Gardens*, vol. 21 pp. 73-74
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Projects

Current and recently completed projects - name(s), years of project, project title: funding source.

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Ackland N 2008 - 2010 Shrub-based grazing systems on Eyre Peninsula for climatic risk management: Caring for our Country - Landcare: Sustainable Practices.

Ackland N 2008 - 2009 Future Farming Systems - Eyre Peninsula: Caring for our Country.

Adelaide & Mt Lofty Ranges & Maguire G (Birds Australia) 2010 Promoting coexistence between recreations and beach-nesting birds' project: Adelaide & Mt Lofty Ranges NRM Board.

Adelaide & Mt Lofty Ranges, Purnell C, Abdullah Abu Diyan M, Clemens R, Berry L, Peter J & Oldland J Current Shorebird monitoring and habitat mapping project - Gulf St Vincent: Adelaide & Mt Lofty Ranges NRM Board.

Ainsley PJ 2008 Impact of climate change on germination and requirement on native plant taxa.

Ainsley PJ 2003-2009 Germination requirements of native plant species.

Ainsley PJ 2008-2009 Investigating the application of cryopreservation as a conservation tool for the Spiny Daisy: Wildlife Conservation Fund.

Ainsley PJ 2008-2009 *Ex situ* conservation of 50 threatened South Australian plants: South Australian Complementary State Natural Resources Management Program.

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Ainsley PJ, Thorpe MJ 2007-2008 Using *ex situ* temperature cycling regimes to understand the germination biology of native Australian plant species.

Alinytjara Wilurara Current Mallee fowl monitoring.

Alinytjara Wilurara 2009-2010 2009 - 2010 Caring for Country Natural Resources Management Schools Program: Caring for our Country.

Alinytjara Wilurara and Eyre Peninsula 2010 Monitoring shorebirds along Yalata Coast - December 2010.

Alinytjara Wilurara, Kumar S & Mortimer L (Eyre Peninsula) and Yalata Land Management team Current Mullett Monitoring Project, Yalata Coast.

Axford G & Freebairn A Current Threatened Species Programme, Outback: Management and recovery of threatened species: flora, fauna and threatened communities (e.g. Mound Springs, Red gum); landscapes: Jointly funded with SA Arid Lands NRM Board.

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- Barker RM** 2006-2008 Flora treatment of *Sida* and *Abutilon* for the Darwin region (in ms).
- Barker RM** 2007-Ongoing Provision of species lists for research groups for the Australian Plant Census.
- Barker RM** Ongoing Preparation of historical papers on Ednie Brown (with DE Symon) and on Robert Brown specimens in AD.
- Barker RM** Ongoing Identification of specimens of specialist groups as required by Australian institutions such as NAQS, Pilbara survey, Queensland weeds etc. and for overseas colleagues.
- Barker RM** Ongoing Update *Flora of Australia* Acanthaceae ms with new records for Australia.
- Barker WR** Ongoing A taxonomic review of Orobanche in Australia.
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- Barker WR** Ongoing Taxonomy, evolution and biogeography of *Lindernia*.
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- Barker WR** Ongoing A taxonomic revision of *Euphrasia* (Scrophulariaceae) in Australia: New Zealand Foundation for Research, Science and Technology grant for completion in 2009.
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- Barnett L** & Miller D (University of Adelaide, Natural Resources Management, Department of Primary Industries and Resources SA) Current Estuarine Fish Surveys, Estuaries throughout state: Fish environment relationships in estuaries: Australian Research Council Linkage (University of Adelaide).
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- Beheregaray LB and Harris J (Flinders University), Adams M, Hammer M (Native Fish Australia and SA Museum)
- Hall A, Frears A, McPhail J** (PIRSA Fisheries) 2010-2013 Restoration genetics of remnant populations of five endangered fish species from the Murray-Darling Basin: ARC Linkage.
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Bell GH Ongoing Revisional studies in Pottiaceae (Musci) in Australia.

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Bourne S & Reed L (Flinders University) Current Vertebrate palaeontology, Naracoorte Caves; South Australia's geological and palaeontological history; other investigations into the late Pleistocene vegetation and Holocene palaeoecology of the caves: Jointly funded with Australian Research Council Linkage, Flinders University, University of Adelaide, SA Museum.

Brandle R Current Development of a rapid assessment method for evaluating condition using transition states for River Red-Gum Woodland communities in the broad valleys of the eastern Flinders and Olary Ranges, and adjacent alluvial plains, for the Outback DENR region.

Brandle R & Smyth A (Commonwealth Scientific and Industrial Research Organisation) Current Waterpoint Manipulation for Biodiversity: Land & Water Australia.

Brandle R, Canty PD & Lim L (Countrywide Ecological Service) 2005-2007 Distribution and habitat requirements for the Kowari (*Dasyercus byrnei*): Jointly funded with Marree Soil Board.

Brandle R, Canty PD, Pillman SJ, Watson M 2006-2008 Ecology of the Kowari in South Australia: Jointly funded with SA Arid Lands NRM Board.

Brandle R, McDonald J, Graham K & Haby N Current North East Eyre Peninsula Conservation Reserves, Biodiversity Asset Assessment.

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Brodie C & **Vonow H** 2009 - 2011 Priority capacity, surveillance and control needs for SA's NRM biosecurity - Regional landscape surveillance for new weed threats: Biosecurity SA (PIRSA), State NRM Program.

Brodie C, Barker R, Cooke D, Reynolds T, Virtue J & **Vonow H** 2008 - 2009 Building SA's capacity to detect, manage and prevent weed threats - Project 2: Complementary State Natural Resources Management Program, Dept of Water Land and Biodiversity Conservation.

Brodie C, Vonow H, Symon D & **Barker R** 2009 - 2011 Community implementation of biological weeds across south-eastern Australia: Caring for our Country funding from Dept of Agriculture, Fisheries and Forestry and Vic Dept of Primary Industries.

Brook BW, Araujo MB, Fordham DA (University of Adelaide), **Foulkes JN** & **Heard LMB** 2009-2012 Planning for a transformed future: Modelling synergistic climate change and land use impacts on biodiversity: Australian Research Council Linkage (University of Adelaide).

Bryars S 2009 Conservation of South Australia's Marine Fishes, Sharks, and Rays: Complementary State Natural Resources Management.

Bryars S, Rogers P, Huveneers C, Smith I, Payne N, **McDonald B** (South Australian Research and Development Institute, Flinders University, Zoos SA, University of Adelaide) 2008-current What size do Marine Protected Area Sanctuary Zones need to be in order to protect the Near-Threatened Western Blue Groper and Harlequin Fish?: Jointly funded with Wildlife Conservation Fund, Australian Acoustic Tagging and Monitoring System; In kind support from South Australian Research and Development Institute, Flinders University, Zoos SA, University of Adelaide.

Cale P & **Johnson R** Current Threatened Flora Program: Jointly funded with SA Murray-Darling Basin Natural Resources Management (Natural Heritage Trust), South East Natural Resources Management (Natural Heritage Trust), Native Vegetation Council, LAP.

Cale P & Paton D (University of Adelaide) Current Threatened Mallee Bird Program, Murraylands Region: Recovery of threatened species: Jointly funded with SA Murray-Darling Basin Natural Resources Management (Natural Heritage Trust), University of Adelaide, Friends of Riverland Parks, ALT, Birds Australia, National Malleefowl RT, National Black Eared Miner RT, MMP.

Cameron J 2004 Detecting land cover change in the Murraylands region of South Australia using Landsat satellite imagery.

Cameron J 2008 Near-shore seagrass change at Beachport, South Australia: 1997 to 2008: Environment Protection Authority.

Cameron J 2008 Near-shore seagrass change between 2002 and 2007 mapped using digital aerial orthophotography - Metropolitan Adelaide area, Port Gawler-Marino, South Australia: Environment Protection Authority.

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- Cameron J & Phillips J** 2006 Quality assessment of DMSI imagery over the River Murray corridor: SA Murray-Darling Basin NRM Board.
- Cameron J & Tunn Y** 2006 Near-shore seagrass change between 1979/81 and 2004 mapped using digital aerial orthophotography - Western Yorke Peninsula, South Australia: Environment Protection Authority.
- Canty PD** & Robinson AC 2005-2008 Revision for a second edition of 'Offshore Islands of South Australia'.
- Canty PD, Brandle R & Pillman SJ** 2006-2007 Management plan for the Kowari in South Australia.
- Catcheside P** 2010 Fungi in Fire Management: Victorian National Parks Association (VNPA).
- Catcheside PS** 2008 Fungimap project to survey the larger fungi in Flinders Chase National Park, Kangaroo Island: Wildlife Conservation Fund, Native Vegetation Council.
- Catcheside PS** Ongoing The truffles of South Australia; Conservation Status of fungal taxa; arid land fungi; new fungal species; interactions of fungi and invertebrates; fungi and fire.
- Catcheside PS**, Lebel T (National Herbarium, Melbourne) Ongoing The genus *Cribbea* in Australia.
- Chinnock RJ** 2005-2007 Booklet for field identification of *Opuntia*, *Cylindropuntia* and *Austrocylindropuntia*.
- Chinnock RJ** 2002-2008 Flora treatment of Cactaceae for South Australia.
- Chinnock RJ** 2002-2007 Myoporaceae: Preparation of description of post monograph new species.
- Clark J** Current Implementing appropriate management options for stressed water resources - Eyre Peninsula: NRM Funding.
- Clark J** Current Development of sustainable storm water management plans - Eyre Peninsula: NRM Funding.
- Clark J** Current Groundwater investigations for allocation and planning - Eyre Peninsula: NRM Funding.
- Clark J** Current Managing the impacts of water affecting activities - Eyre Peninsula: NRM Funding.
- Clarke M (Latrobe University), Bennett A (Deakin University), **Henderson MK** et al 2006 - 2009 Determining appropriate fire regimes for mallee biota: Jointly funded with Victorian Mallee Catchment Management Authority, Natural Heritage Trust Regional Competitive Component, Vic Dept of Sustainability and Environment, Parks Victoria, NSW Dept of Environment, Climate Change and Water, Land and Water Australia Grant, Natural Heritage Trust Regional Funds.
- Clarke S** Current Piccanninie/Pick Swamp: Restoration of wetlands; baseline vegetation monitoring, fish and bird: Jointly funded with South East NRM Board & Dept for the Environment, Water, Heritage and the Arts.
- Clarke S, McDonald B et al** Current Marine Parks - planning, proclamation and establishment.
- Coombe-Smith K** 2010-2013 Threatened Flora of the AW Region: Caring for our Country.
- Coombe-Smith K** 2010-2013 Monitoring the Health of the AW region: Caring for our Country.
- Cooper A, Adelson DL, Brook BW, Facelli JM (University of Adelaide), **Cross HB**, Stevens MI, Paton JC, Kok T (University of Adelaide) 2009 Environmental Genomics: Mining, climate change, water, crime and health: Australian Research Council Linkage (University of Adelaide).
- Cooper J, **McEwan K** and **Mortimer L** 2008 - 2009 Scoping the shoreline: The impact of coastal activities on Eyre Peninsula's resident shorebirds: Coastcare.
- Copley P & Axford G** Current Arid Land Recovery: Jointly funded with BHP Billiton, SA Arid Lands NRM Board, Envirofund, University of Adelaide.
- Copley PB** 2006- 2007 Review of conservation status of SA wetland plant species: SA Wildlife Conservation Fund.
- Coventry R** 2008 - 2009 Integrated Management of Vegetation Communities on Eyre Peninsula: Caring for our Country.
- Cross H, Gurgel F and Lowe AJ** 2009 - current DNA Barcoding (genetic fingerprinting).
- Cross H, State Herbarium of SA**, University of Adelaide 2009 - current Molecular Systematics and Evolution of Australian Flora: DEH Research Partnerships Fund and the Board of the Botanic Gardens and State Herbarium of SA.
- Cross HB** Current Adaptation, evolution, and paleogenomics of native Australian grasses; Grass Barcoding of Life (GrassBoL): Jointly funded with Australian Centre for Plant Functional Genomics and Australian Centre for Ancient DNA; initial research support for GrassBoL from International Barcode of Life Project (iBOL).
- Cross HB** Current Ancient DNA from hull timber of the 16th century warship the Mary Rose: Jointly funded with Australian Centre for Ancient DNA.

Projects

Cross HB and Lowe AJ Current Tree Barcoding of Life (TreeBOL) - DNA barcoding of Australia's trees: Australian Centre for Plant Functional Genomics and Australian Centre for Ancient DNA; Australian Biological Resources Study (ABRS), International Barcode of Life Project (iBOL), Double Helix Tracking Technology (DHTT - in Singapore).

D. Estes, **Barker WR** 2005 - Ongoing A taxonomic revision of *Gratiola*.

de Preu N, Lethbridge M (Flinders University) & Conservation Ark 2009-2013 Monitoring and Evaluation of the Yellow-footed Rock-wallaby in the Flinders and Gawler ranges.

de Preu ND & Watkins PM 2007-2009 Bounceback Pastoral: Natural Heritage Trust 2 funds received through SA Arid Lands NRM Board.

de Preu ND, Watkins PM, Sharp A, Freebairn A, Coates E 1997-2008 Bounceback / NatureLinks: Jointly funded with SA Arid Lands NRM Board.

Deane D, **Hall J** 2008-2010 Fleurieu Forestry Policy Project: National Water Initiative (NWI).

Dominelli S Current River Murray corridor threatened Fauna: Jointly funded with SA Murray-Darling Basin NRM Board (Natural Heritage Trust), LAP Groups, Friends of Parks, ALT, Banrock Station, Riverland Vet Clinic, Zoos SA, MMP NRM.

Dominelli S Current Chowilla Integrated Natural Resources Management Program: hydrological and ground water restoration; restoration of floodplain; maintenance of ecological value in production systems: Jointly funded with SA Murray-Darling Basin NRM Board (Natural Heritage Trust), Murray-Darling Basin Commission.

Dutkiewicz A 2010 Future Farm Industries CRC partnership - research program to develop more sustainable farming systems based on perennial plants that contribute to drought and climate change adaptation strategies: SA State NRM Program.

Ebert, G & Seaman, R 2009-current Coorong, Lower Lakes and Murray Mouth Vegetation Program: Commonwealth government.

Ehmann H Current Assessing the threatened Centralian Toadlets (frogs) in the APY Lands: Alinytjara Wilurara NRM Board.

Eyre Peninsula and Alinytjara Wilurara, the Yalata Land Management team and the Yalata School Current Teaming Up To Tackle Marine Debris in the Far West: Eyre Peninsula and Alinytjara Wilurara NRM Boards.

Eyre Peninsula NRM Board 2008 - 2009 Eyre Peninsula Climate Change Vulnerability Assessment - Pilot Study: Complementary State NRM.

Fairweather P 2006-2008 Management of wrack on beaches: PIRSA Biosecurity, Coast Protection Board/ DEH & Flinders University.

Fairweather P 2007-2008 Monitoring plan for Coorong sandy beaches: Jointly funded with SA Murray-Darling Basin NRM Board & Flinders University.

Falkenberg I Current Onground Bushland Restoration on Aboriginal Managed Lands - Yorke Peninsula, Upper North, Lower North: Caring for our Country.

Falkenberg I Current Facilitation Services for NRM on Aboriginal Managed Lands in the Upper and Lower North Board Sub regions and on Yorke Peninsula: Caring for our Country.

Falkenberg I Current Private Lands Conservation Support and Monitoring Project: Caring for our Country.

Falkenberg I Current Development of a BCM Sampling Protocol to Measure Change in Resource Condition: Caring for our Country.

Falkenberg I Current Development of Information Tools for Sustainable Soils: Caring for our Country.

Falkenberg I Current Soil Protection - Ag Industry groups: Caring for our Country.

Falkenberg I Current Conservation Action Planning (CAP) - Southern Yorke Peninsula and Southern Flinders: Caring for our Country.

Fisher A Current Significant Environmental Benefit (SEB) Metrics Review.

Fisher A 2009-2011 Production Perennials for Biodiversity: Future Farm Industries CRC.

Fisher A 2009-2011 A closer look at the biodiversity benefits of biodiverse carbon: State NRM Program.

Fisher A 2009-2010 Significant Environmental Benefit (SEB) Compliance and Monitoring.

Fisher A, Sweeney S, Williams S 2009-2012 Climate Change, Communities and Environment: Building research capability to identify climate change vulnerability and adaptation options for South Australian landscapes: Premier's Science Research Fund.

Projects

- Fotheringham D** 2008 Geomorphic and coastal vegetation survey Flinders Island.
- Fotheringham D** 2008 Seagrass restoration along the Adelaide coast - methodologies and maintenance: Adelaide's Living Beaches.
- Fotheringham D** 2008 Seabed erosion survey Adelaide coast: Coast Protection Board.
- Fotheringham D** 2008 Coastal Conservation Assessment: Jointly funded with NRM Boards.
- Fotheringham D** 2008 Beach Survey Program: Jointly funded with Coast Protection Board.
- Fotheringham D** 2008 Beachport seagrass, breakwater and beach monitoring: Coast Protection Board.
- Fotheringham D** 2008 Post Office Rock erosion survey: Coast Protection Board.
- Fotheringham D** 2008 Saltmarsh and mangrove transects: Jointly funded with Coast Protection Board.
- Fotheringham D & Townsend M** Current Coastal vulnerability assessment to sea level rise, Yorke Peninsula: Climate change & digital elevation models (partnering with Murdoch University & James Cook University): Jointly funded with NDMP - Tsunami funding, Australian Research Council Linkage.
- Fotheringham D, Quinn J Sandercock R & Brodie C** 2009-2010 Coastal Conservation Assessment - Threat Assessment: Jointly funded with South-East NRM Board and Coast Protection Board.
- Foulkes JN** 2007 Biological Survey of Maralinga Lands: Natural Heritage Trust via Alinytjara Wilurara Natural Resources Management.
- Foulkes JN & Canty PD** 2005-2008 Distribution and habitat description of the Ampurta (*Dasyercus "hillieri"*) in the Simpson, Strzelecki and Tirari Deserts: Wildlife Conservation Fund.
- Foulkes JN, Neagle N** 2007-2008 Biological Survey of the Yalata Lands: Natural Heritage Trust via Alinytjara Wilurara Natural Resources Management.
- Fowler T, Hammer M, Harley D, Sheldon R, Johnson R** 2006 - 2007 Monitoring water quality variables at priority freshwater fish sites along Mosquito Creek: Natural Heritage Trust Funds.
- Freeman A** 2008 - 2009 Habitat Management for Species Protection - Eyre Peninsula: Caring for our Country.
- Freeman A** 2008 - 2009 Catchment to Coasts - Eyre Peninsula: Caring for our Country.
- Freeman A** 2009 -2010 Implementing landscape scale biodiversity management to protect the Coffin Bay Coastal Wetland system, Eyre Peninsula: State NRM Program Funding.
- Freeman A and Mortimer L** 2009 -2010 Implementation of high priority WildEyre conservation: State NRM.
- Freeman A and Simpson A** 2009 -2013 Ecological and cultural landscape restoration on the Eyre Peninsula: Caring for our Country.
- Freeman A, Coventry R and Mortimer L** 2008 - 2009 WildEyre - Collaborative, Landscape-scale, Biodiversity Conservation on the Eyre Peninsula: Caring for our Country.
- Gates JA** 2007-2008 Finalising monitoring protocols for long-term monitoring of Bush Stone-curlews on Kangaroo Island: Wildlife Conservation Fund (in submission).
- Gates JA & Stubbs W** Current Birds for Biodiversity, Mount Lofty Ranges: Declining avian fauna: Adelaide and Mount Lofty Ranges NRM Board.
- George AK, Stewart HJ** 2011 Development of a Bayesian Belief Network to determine the impacts of seawater incursion on the ecology of the Lower Lakes, SA: Murray Futures.
- George AK, Stewart HJ** 2009-2011 Ecological Risk Assessment of Managing the Lower Lakes with variable water sources: Murray Futures.
- Gillam SD** 2007 Examine Malleefowl nest productivity in three regions of South Australia, in one breeding season.
- Gillam SD** 2005 - 2007 Facilitate an integrated and coordinated approach to Malleefowl conservation in SA, in line with the National Recovery Plan for Malleefowl.
- Gillam SD** 2007 - current Regional Species Conservation Assessment Project: Natural Resources Management funded.
- Gould J (Commonwealth Scientific and Industrial Research Organisation CSIRO), Myers J (CSIRO), **Henderson MK**, Cruz M (CSIRO) & Matthews S (CSIRO) 2005 - 2009 Project FuSE SA - fuel dynamics and fire behaviour in mallee & heath vegetation: Jointly funded with Commonwealth Scientific and Industrial Research Organisation, South Australian Country Fire Service, Bushfire Cooperative Research Centre.
- Grealish G, Davenport D, **Hall J, Herrmann T** 2010 - current Establishing Coordinated Soil Carbon and pH Monitoring - SA: SA government, CSIRO, Australian Department of Agriculture, Fisheries, and Forestry (DAFF).

Projects

- Green B, Dennis T, **Harley D** 2005 - 2007 Orange-bellied Parrot surveys and habitat mapping in the Coorong and South East of South Australia: Natural Heritage Trust Funds.
- Grundy M, **Hall J** 2011 Terrestrial Ecosystem Research Network (TERN) - Soils and Landscapes - SA: National Collaborative Research Infrastructure Strategy (NCRIS), SA government.
- Gurgel CFD** 2008 Molecular Ecology of Marine Benthic Macroalgae: University of Adelaide, Faculty of Sciences – Strategic Research Funding & Development Scheme 2008.
- Gurgel CFD** 2008 *Sargassum* spp. and associated flora in the Great Australian Bight: Alinytjara Wilurara NRM Board Grant.
- Gurgel CFD** 2008-2009 Biodiversity & Molecular systematics of the marine macroalgal order Fucales (Phaeophyta) in South Australia: Lirabenda Endowment Fund & The Field Naturalists Society of South Australia Inc. Research Grant.
- Gurgel CFD** 2008-2010 Census of marine algal flora of Australian coral reefs based on morphological and molecular analyses (DNA barcoding): Census of Coral Reefs (www.creefs.org).
- Gurgel CFD**, Connell SD (University of Adelaide) and Russell B (University of Adelaide) 2008-2010 Forecasting change in subtidal habitats: connecting local pollution with global climate in temperate Australia: Australian Research Council Linkage Grant.
- Gurgel CFD**, **Kraft GT**, Zuccarello G (University of Wellington, NZ), West J (Melbourne University), Wernberg T (Edith Cowan University), Mads Thomsen (Edith Cowan University), Waters J (University of Otago, NZ), Connell SD (University of Adelaide) 2008 Working group no. 47: Marine plant phylogeography and Bioregionalization: Australian Research Council NZ Vegetation Function Network.
- Haby N & Brandle R** 2006 - 2008 Desert Mice population dynamics, movement and habitat requirements in the southern Flinders Ranges, South Australia.
- Hadrill B** Ongoing Koala Management, Kangaroo Island: Control, relocation and habitat management: Jointly funded with Deakin University.
- Hadrill B**, **Pisanu P & Jones S** 2008 The distribution and habitat of bandicoots on Kangaroo Island: Combined Natural Heritage Trust (Kangaroo Island NRM Board) and Threatened Species Network funding in partnership with western Kangaroo Island Friends of Parks.
- Hall J**, Maschmedt D, Billing NB Ongoing Soil Characterisation Site Investigations Program: NRM Boards, Community Groups, Industry Bodies.
- Hall J**, Maschmedt D, Billing NB, Tonkin D, Rowland J 2001 - current State Land and Soil Spatial Information Framework: SA government, Natural Heritage Trust (NHT), Australian Collaborative Land Evaluation Program (ACLEP), National Action Plan for Salinity and Water Quality in Australia (NAPSWQ), Cooperative Research Centre (CRC) for Plant Based Management of Dryland Salinity.
- Hall J**, Maschmedt D, Billing NB, Tonkin D, Rowland J, Hughes B, Jeffery P, Cann M Ongoing State Land and Soil Mapping Program: SA government, Natural Heritage Trust (NHT), National Landcare Program (NLP), National Soil Conservation Program (NSCP).
- Hall J**, Maschmedt, D, Billing NB, Rowland J, Wilson P, Jacquier D 2001 - current Australian Soil Resource Information System (ASRIS) - SA: Australian Collaborative Land Evaluation Program (ACLEP).
- Hall, A.** 2008-current Coorong, Lower Lakes and Murray Mouth - Critical Fish Habitat: Commonwealth government.
- Halliday L & Clarke A** Ongoing Sheoak Grassy Woodlands - Recovery and restoration: Natural Heritage Trust, Envirofund.
- Halliday L**, Driscoll DA (Flinders University) and Bull M (Flinders University) 2007-2008 Implementing NatureLinks: Does dune-top and roadside native vegetation provide dispersal corridors for wildlife in the face of climate change: Australian Greenhouse Office Honours Scholarships, Native Vegetation Fund Grant.
- Halliday L**, **Graham J & Cooper J** 2007-2008 Scoping the Shoreline – The impact of coastal activities on Eyre Peninsula's resident shorebirds: Wildlife Conservation Fund.
- Hammer M, **Johnson R**, **Harley D** 2006 Monitoring Variegated Pygmy Perch populations in the Lower South East of South Australia: Natural Heritage Trust Funds.
- Hammer M, **Johnson R**, **Harley D** 2002-2007 Monitoring native freshwater fish populations at Henry Creek in the Upper South East of South Australia: Upper South East Program funds.
- Hammer M, **Johnson R**, **Harley D**, **Clarke S** 2007 Seasonal use of near coastal freshwater habitats by native fish in the South East of South Australia: Natural Heritage Trust Funds.

Projects

- Hammer M, **Johnson R, Harley D, Sheldon R** 2008 Monitoring native freshwater fish populations along Mosquito Creek in the South East of South Australia: Natural Heritage Trust Funds.
- Harley D** 2004 - 2007 Reproductive success of the Bush Stone-curlew: Natural Heritage Trust Funds.
- Harley D** 2004 - 2007 Population dynamics of the Striped Legless Lizard in South Australia: Natural Heritage Trust Funds.
- Harley D** 2007 Determining the distribution and extent of chytrid fungus in Southern Bell Frog populations in South Australia's South East: Natural Heritage Trust Funds.
- Harley D, Hay T, Haywood B, Mengler R, Horn T (ForestrySA)** 2007 Status of Southern Brown Bandicoot populations in the South East of South Australia: Natural Heritage Trust Funds.
- Harley D, Natt V & Gillam S** 2006 - 2007 Monitoring Malleefowl breeding densities in the South East of South Australia: Natural Heritage Trust Funds.
- Harper M** Ongoing Wetland Management on DEH Land - Hydrological management for ecological outcomes: River Murray Improvement Program.
- Hart D** 2007-2009 Imagery Baseline Data Program - Imagery for Natural Resources Management: Commonwealth and state matching funds.
- Hayman P, Maschmedt D, **Hall J**, Rowland J, Liddicoat C, **Sweeney S** 2008 - current Climate change and erosion: Climate change impacts on soil/land condition, management and adaptation: State NRM Program.
- Heard LMB and Thompson D** 2007-2008 Development of a Goal-based Biodiversity Metric for the River Murray Forest, South Australia: Jointly funded with River Murray Forest South Australia Government funded project.
- Henderson MK** 2005 - 2007 Species turnover in the Mount Lofty Ranges - do minimum inter-fire-intervals result in different assemblages?
- Henderson MK** 2004 - 2008 Plant recruitment and persistence in mallee vegetation following changes to fire regimes on the Eyre Peninsula.
- Henderson MK, Driscoll DA (Australian National University), Bull CM (Flinders University), Bradstock RA (University of Wollongong), Bedward MA, Keith DA (NSW Department of Environment and Climate Change), Kleindorfer S (Flinders University), Donnellan S (South Australian Museum)** 2007-2011 Spatial-dynamic models to identify optimal fire mosaics, based on demography, dispersal and fire responses of plants, birds and reptiles: Australian Research Council Linkage Project, Flinders University, Australian National University, NSW Dept of Environment and Climate Change.
- Henderson MK, Driscoll DA (Flinders University)** 2006-2007 Responses of reptiles to different fire histories in mallee: Jointly funded with Flinders University / Australian Pacific Science Foundation.
- Henderson MK, Driscoll DA (Flinders University)** 2005-2007 Bird responses to fire in mallee reserves on Eyre Peninsula: University Industry Collaborative Research Grant.
- Henderson MK, Driscoll DA (Flinders University)** 2005-2006 Reptiles and mallee responses to fire on Eyre Peninsula: University Industry Collaborative Research Grant.
- Henderson MK, Morgan C & Cameron J** 2008 Ecological consequences of varying fire severity. I. Fire severity mapping of the Kangaroo Island December 2007 Fires.
- Hermann T** 2010 Building knowledge of soil carbon, impacts of climate change and opportunities for carbon storage in SA soils: SA State NRM Program.
- Hermann T** 2010 Implement SASP Target T3.3 - Working with NRM Boards, industry partners and land managers to protect land from erosion: SA State NRM Program.
- Hermann T, Hall J** 2010 Sustainable Dryland Agriculture Initiative: SA State NRM Program.
- Heripch M** Ongoing Invasive: Pine wilding, Lower South East: Establishment, demography, impact, control: Jointly funded with Dept of Agriculture, Fisheries & Forestry, Land and Water Australia, Forestry SA, Commonwealth Scientific and Industrial Research Organisation, Vic Dept of Sustainability and Environment.
- Herrmann T, Forward G, Hall J, Rowland J, Gale G** 2010 - current Analysis and Reporting on Condition of Land and Implementation of Policy: SA government.
- Higham, J. & Ricketts, G.** 2010-current Coorong, Lower Lakes and Murray Mouth - Construction of Fishways: Commonwealth government.
- Hinchliffe D & Dickson C** 2005 onwards Monitoring recruitment and the impacts of grazing on *Prostanthera eurybiodes* in the Upper South East of SA: Natural Heritage Trust 2.

Projects

- Hinchliffe D & Dickson C** 2006 Response of *Senecio macrocarpus* to fire and flooding at Messent Conservation Park: Threatened Species and Habitat Recovery Program operating budget.
- Hinchliffe D & Dickson C** 2006-onwards Response of Sand Ixodia (*Ixodia achillaeoides* spp *arenicola*) to disturbance trials at Cape Douglas Conservation Park: Natural Heritage Trust Threatened Species and Habitat Recovery Program operating budget.
- Hinchliffe D & Dickson C** 2007-2008 Development of the Mundulla Common Management Plan (through facilitated community consultation to protect the significant natural and social values of the Common): Native Vegetation Council Research grant.
- Hobbs T** 2004-2005 Plant biometrics and biomass productivity in the River Murray Dryland Corridor: SA Centre for Natural Resource Management.
- Hobbs T** 2001-2004 FloraSearch Stage 1: RIRDC / CRC Plant-based Management of Dryland Salinity.
- Hobbs T** 2010 Landscape Analysis - Investigation and review of perennial and sustainable land use options in dryland agricultural regions at risk from climate change: SA State NRM Program.
- Hobbs T** 2007-2008 Regional opportunities for agroforestry in Australia: RIRDC.
- Hobbs T** 2008-2011 Woody Crops Program: Future Farm Industries CRC.
- Hobbs T** 2007-2008 Agroforestry industry evaluation: RIRDC.
- Hobbs T, Neumann C, McKenna D, Tucker M** 2003-2007 Field Trials of Woody Germplasm: RIRDC / Future Farm Industries CRC.
- Hobbs T, Neumann C, McKenna D, Tucker M** 2004-2009 FloraSearch Stage 3: RIRDC / Future Farm Industries CRC.
- Hobbs T, Neumann C, McKenna D, Tucker M** 2005-2008 Enrich - Fodder Shrubs - Phase 1: Future Farm Industries CRC.
- Hobbs T, Neumann C, Tucker M** 2004-2005 FloraSearch Stage 2: RIRDC / CRC Plant-based Management of Dryland Salinity.
- Hobbs T, Neumann C, Tucker M** 2008-2009 Carbon sequestration from revegetation (Southern Murray-Darling Basin): SA State Complimentary Program.
- Hobbs T, Neumann C, Tucker M** 2008-2009 Carbon Sequestration from Revegetation: River Murray Forest Region: SA DWLBC.
- Hobbs T, Neumann C, Tucker M** 2009-2012 Carbon sequestration and biomass production from revegetation and agroforestry: SA State NRM Program.
- Hobbs T, Neumann C, Tucker M** 2005-2006 Woody biomass productivity and potential biomass industries in the Upper South East: SA Centre for Natural Resource Management.
- Honan I** Current Integrated pest animal and plant management - Eyre Peninsula: NRM Funding and Caring for our Country.
- Honan I** Current Monitoring impact of over-abundant native species - Eyre Peninsula: NRM Funding.
- Honan I** Current Managing the threat of new pest incursions on Eyre Peninsula: NRM Funding.
- Houston P, **Hall J**, Maschmedt D 2006 - current Priority Primary Production Areas Project: SA government funding.
- Howard, J.** 2008-2010 Coorong, Lower Lakes and Murray Mouth - Lake Albert Water Level Management Project: Commonwealth government.
- Johnson R** Ongoing Ground water dependent ecosystems: wetland ecology; long-term monitoring (health); environmental protection zones: Jointly funded with South East NRM Board, Dept for the Environment, Water, Heritage and the Arts, Dept of Water, Land and Biodiversity Conservation, Birds SE.
- Johnson R & Dickson C** Ongoing Threatened species flora program: Jointly funded with University of Adelaide.
- Johnson R & Macintosh L** Ongoing Migratory waders: health checks; trophic interactions: Jointly funded with South East NRM Board, Australian Waders Group.
- Johnson R, Haby N & Harley D** 2008 Heath Mouse surveys and habitat modelling: Native Vegetation Fund.
- Jolley AM** 2009 South East NRM Benthic Habitat Mapping: South East NRM Board.
- Jolley AM** 2009 Northern and York NRM Benthic Habitat Mapping: Northern and Yorke NRM Board.
- Jolley AM** 2009 Bays of the Eyre Peninsula NRM Benthic Habitat Mapping: Eyre Peninsula NRM Board.

Projects

- Jolley AM & Barnett E** 2009 Adelaide & Mt Lofty Ranges NRM Benthic Habitat Mapping: Adelaide & Mt Lofty Ranges NRM Board.
- Jusaitis M** 2010 Spore germination of *Psilotum nudum*.
- Jusaitis M** 2010 Recovery of *Veronica parnkalliana* after fire.
- Jusaitis M** 1991 - present Long term translocation trials of *Leionema equestre*: Wildlife Conservation Fund/ Environment Australia.
- Jusaitis M** 1992 - present Experimental translocation of *Phebalium glandulosum*: Wildlife Conservation Fund/ Environment Australia.
- Jusaitis M** 1992 - present Experimental translocation of *Dodonea subglandulifera*: Wildlife Conservation Fund/ Environment Australia.
- Jusaitis M** 1994 - present Weed effects in *Pterostylis arenicola*: Environment Australia.
- Jusaitis M** 1994 - present How does grazing affect translocation success in *Prostanthera eurybioides*?: Environment Australia.
- Jusaitis M** 1997 - present Trial translocation of *Brachycome muelleri* to a new site: Environment Australia.
- Jusaitis M** 1998 - present Conservation biology of *Haloragis eyreana*: Environment Australia.
- Jusaitis M** 2000 - present Conservation biology of *Acanthocladium dockeri*: Wildlife Conservation Fund.
- Jusaitis M** 2002 - present Response of *Acacia cretacea* to fire.
- Jusaitis M** 2002 - present Regeneration of *Leionema equestre* after fire: Wildlife Conservation Fund/ Environment Australia.
- Jusaitis M** 2006 - 2007 Conservation genetics of *Lachnagrostis limitanea*: Wildlife Conservation Fund.
- Jusaitis M** 2005 - present Effect of fire on populations of *Pultenaea trichophylla*.
- Jusaitis M & Hallaby F** 2010 Flowering, seed development and micropropagation of *Gahnia radula*.
- Jusaitis M & Quarmby J** 2010 Symbiotic germination of *Caladenia gladiolata* for translocation.
- Jusaitis M**, Adams M (South Australian Museum), **Clarke A** 2006-2007 Quantifying the genetic relationships within populations of *Lachnagrostis limitanea*: Wildlife Conservation Fund.
- Kaethner B & Stephens B** Ongoing Landscape Fire Management Program: Jointly funded with SA Murray-Darling Basin Natural Resources Management (Natural Heritage Trust).
- Keen S** 2009 -2013 Monitoring and Evaluation on the Eyre Peninsula: Caring for our Country.
- Kellermann J** 2005-2007; 2008 - present Resolution of generic limits in Rhamnaceae and revision of the family in Australia; treatments of Rhamnaceae for Flora of Australia: Australian Biological Resources Study; now unfunded.
- Kellermann J** 2007 - present Editing & coordinating the new (5th) edition of the *Flora of South Australia*.
- Kellermann J** 2007 - present Preparation of flora-accounts for the *Flora of South Australia* for a variety of families (e.g. Rhamnaceae, Boraginaceae, Leguminosae-Caesalpinioideae).
- Kellermann J** 2010 On-line presentation of taxonomic accounts prepared for the new edition of the *Flora of SA*.
- Kellermann J** 2007 - present Editing the annual *Journal of the Adelaide Botanic Gardens*.
- Kellermann J**, in collaboration with Drs Thiele KR & Rye BL (Western Australian Herbarium), Udovicic F & Walsh NG (National Herbarium of Victoria) 2005-2007 Resolution of generic limits in Rhamnaceae and revision of the family in Australia; treatments of Rhamnaceae for *Flora of Australia*: Australian Biological Resources Study.
- Kenny SD** 2008 - 2009 Far West Eyre Peninsula Vegetation Mapping: Eyre Peninsula NRM Board.
- Kenny SD & Thompson D** 2005 - 2007 Gawler Craton Vegetation Mapping: Primary Industries and Resources SA, Plan for Accelerating Exploration in conjunction with the Alinytjara Wilurara Natural Resources Management Group.
- Kerin B** Current Engagement of Landowners in NRM Practices and Implementation; engagement with Community in Natural Resources Management - Lower North: Caring for our Country.
- Kleindorfer S (Flinders University), Huveneers C (SARDI), Pollock K (Murdoch University), Sutton S (James Cook University), **Williams S**, Fox Shark Research Foundation, SA Tourism Commission 2010 - current White shark population dynamics: what we need to know to enhance shark tourism: ARC Linkage.
- Kurray A** Current Pest Plant and Animal Control: NRM Funding and Caring for our Country.

Projects

Kutsche F 2006 Biodiversity Conservation through Protected Areas in the SA MDB NRM Region (formerly 'Murray Darling Basin NRM Board Comprehensive Adequate Resource Representative Reserve System Strategy').

Kutsche F 2006-2010 Crown Lands Revenue Project (role: Biodiversity Assessment Officer).

Lang P, Canty P & Brandle R Current Biological impacts of the 2005 wildfire on southern Eyre Peninsula: monitoring post-fire recovery within three years using Biological Survey of South Australia sites: Jointly funded with Dept of Water, Land and Biodiversity Conservation.

Lang PJ, Canty PD, Brandle R, Henderson M 2007-2008 Vegetation recovery after wildfire in southern Eyre Peninsula: comparing prefire baseline Biological Survey data with repeated sampling.

Lethbridge ML (Flinders University), Harper M (Flinders University) & **de Preu ND** 2005-2008 Genetic and population viability analysis of the Yellow-footed Rock-wallaby on Warraweena, Angorichina and Narrina: Component of SA Arid Lands NRM Board 'Bounceback Pastoral' project. Research Schedule L.

Lethbridge ML (Flinders University), Harper M (Flinders University) & **de Preu ND** 2004-2009 Genetic, survival and fecundity assessment of the Yellow-footed Rock-wallaby on Gawler Ranges NP and Hiltaba Station: Component of SA Arid Lands NRM Board 'Bounceback Pastoral' project. Research Schedule G.

Lethbridge ML (Flinders University), Harper M (Flinders University) & **de Preu ND** 2004-2008 Trapping of Yellow-footed Rock-wallaby on Hiltaba pastoral lease: Component of SA Arid Lands NRM Board 'Bounceback Pastoral' project. Research Schedule H.

Lethbridge ML (Flinders University), Harper M (Flinders University) & **de Preu ND** 2006-2008 Food resource availability and faecal pellet monitoring Mt Friday (Hiltaba), Mt Fairview & Yandinga Gorge (Gawler Ranges NP): Component of SA Arid Lands NRM Board 'Bounceback Pastoral' project. Research Schedule N.

Lethbridge ML (Flinders University), Harper M (Flinders University), **de Preu ND & Jennings S** 2006-2009 Yellow-footed Rock-wallaby Observational studies: Mt Friday (Hiltaba) and Yandinga Gorge (Gawler Ranges NP): Component of SA Arid Lands NRM Board 'Bounceback Pastoral' project. Research Schedule M.

Lincoln R Current Land Condition Management and Compliance Land Management Process - Yorke Peninsula: NY NRM Board funding.

Lincoln R Current Managing the impact of Southern hairy nosed wombats on Agricultural land; a case study at Point Pearce Aboriginal lands, Yorke Peninsula: Yorke Peninsula Group funding.

Lincoln R Current Pest Plant and Animal Management and Control - Yorke Peninsula: Caring for our Country, NY NRM Board funding.

Lincoln R, Roberts G and Teague K Current Crown Lands Management - Northern and Yorke: NY NRM Board funding.

Loisier A & Schmucker P (Alinytjara Wilurara), Kumar S (Eyre Peninsula), Charlton C, Peters K (Adelaide & Mt Lofty Ranges) and Kumar R 1991-2010 20th Year of southern right whale monitoring at the Head of the Bight, 2010: Alinytjara Wilurara NRM Board.

Long KI 2007-2009 What effects do prescribed burns have on bandicoot survival and site utilisation in the short and medium term: Adelaide & Mt Lofty Ranges Natural Resources Management Investment Strategy & Nature Foundation SA.

Lowe AJ 2006 Phylogeography and genetic identity of bellyache bush in its native and introduced ranges: Department of Natural Resources, Mines and Water.

Lowe AJ, Boshier D, Kremer A, Degen B, Finegan B, Vendremin G, Gribel R, Margis R, Navarrete H, Dick C, Parolin P 2005-2009 Developing best practice for seed sourcing for planting and natural regeneration in the neotropics, SEEDSOURCE: EU.

Lowe AJ, Clarke AR, Schenk PM, Rieseberg LH, Abbott RJ 2006-2010 Why do some exotics become invasive? Using ecological and genomic approaches to test alternative hypotheses in an Australian weed, fireweed: Australian Research Council Discovery.

Lowe AJ, de Preu N, Leijts R (SA Museum), Mitchell J Ongoing Development and implementation of Biodiversity Information for sustainable management of South Australian groundwater: Jointly funded with SA Water, SA Museum, Environment Protection Authority, MRDB Natural Resources Management, South East Natural Resources Management, Dept of Water, Land and Biodiversity Conservation, Dept of the Environment, Water, Heritage and the Arts.

Lowe AJ, Foulkes J et al 2009-2012 National Scientific Reference Site Network – Australian Rangeland Ecosystems. Component of South Australian consortium application (coordinators Meyer W and Lowe AJ) for Terrestrial Ecosystem Research Network (TERN): National Collaborative Research Infrastructure Strategy - Dept of Education, Science and Training.

Projects

- Lowe AJ**, Hayman P, Bradshaw CJ, Brook B, Cooper A, **Gurgel F**, Ophel-Keller K, Tanner J, **Foulkes J**, Hamden R 2009-2012 TRansect for ENvironmental monitoring and Decision making (TREND): Adaptive management of productive and native systems for climate change: Premier's Science and Research Fund.
- Lowe AJ**, Keppel G 2007-2010 Genetic dynamics of lowland rainforest trees on islands in the tropical South-west Pacific: Australian and Pacific Science Foundation.
- Lowe AJ**, **Pillman S**, Coddington P (University of Adelaide), Jenkins C (University of Adelaide) et al 2009-2012 Eco-informatics – integrating and visualizing ecosystems information. Component of South Australian consortium application (coordinators Meyer W and Lowe AJ) for Terrestrial Ecosystem Research Network: National Collaborative Research Infrastructure Strategy - Dept of Education, Science and Training.
- Lowe AJ**, Rossetto M, Crayne D, Pole M, Lambert D, Hollingsworth P 2006-2010 Developing biogeographic know-how: Improving species divergence and dispersal estimations to examine geological and climatic evolutionary drivers: Australian Research Council Discovery.
- Lundstrom G** 2006 - Present Community Monitoring: SA MDB NRM Board.
- Lundstrom G** 2008 - Present Climate & Energy: SA MDB NRM Board.
- Maschmedt D, **Hall J**, Cole A, Rowland J 2008-2010 Climate change and land capability: SA government.
- Maschmedt D, **Hall J**, Hughes S 2007-2009 Enrich Program: SA government, Future Farm Industries CRC.
- McDonald J** 2007 Flinders Ranges National Park Monitoring Review: Operation Bounceback.
- McDonald J** 2007-2009 Gawler Ranges National Park Monitoring Review: Operation Bounceback.
- McDonald J** 2007-2009 Innamincka Regional Reserve Grazing Assessment.
- McDonald J & Brandle R** Current Development of indicators for monitoring and evaluating the environmental impact of feral goats: SA Arid Lands NRM.
- McEwan K** 2008 - 2009 Eyre Peninsula coastal action plan and conservation priority study: Coastcare.
- McEwan K** 2008 - 2009 Rehabilitation of the remnant coastal vegetation surrounding the nationally significant Coffin Bay wetlands system, Eyre Peninsula: Coastcare.
- McKenna D & Wouters M** 2010 - current Flora & fauna fire response dataset for South Australia.
- McKenna D & Wouters M** 2010 - current Ecological Fire Management Guidelines.
- McLeod S (NSW Department of Primary Industries), Pople T (Qld Department of Mines and Energy), **Farroway L**, Payne N (NSW Department of Environment and Conservation), Lundie-Jenkins G (Qld Environment Protection Agency) 2006-2009 To what extent can commercial use of wildlife contribute to the sustainable use of Australian rangelands?: Invasive Animals Cooperative Research Centre.
- Meyer W, **Hall J**, Rowland J 2010 South East Hydrological Science Impact Review (land use and land use potential): SA government.
- Meyer W, Stringer R, Lewis M, Brook B, Bryan B, Connor J, Hayman P, Fisher A, Johnson J, **Low A**, Williams S 2009-2012 Climate Change, Communities and Environment: Building Research Capability to Identify Climate Change Vulnerability and Adaptation Options for South Australian Landscapes: Premier's Science and Research Fund.
- Milne J (Royal Botanic Gardens Melbourne), **Bell GH** 2006-Ongoing A taxonomic treatment of Australian genera in the family Pottiaceae, subfamily Pottioidae: Australian Biological Resources Study Participatory Program Grants Scheme.
- Molsher R** 2008 Habitat utilisation by sterilised Koalas translocated from Kangaroo Island to South East South Australia.
- Mooney P, Ball D & King C** 2007-2008 Overview of mallee and woodland communities of eastern Kangaroo Island and update of floristic vegetation mapping: Jointly funded with Kangaroo Island NRM Board.
- Mooney PA, Pisanu P & others** 2007-2008 Drought impact at selected sites on Kangaroo Island: Kangaroo Island Natural Resources Management.
- Mooney T** Ongoing *Phytophthora cinnamomi*, Eastern and NW Kangaroo Island region: Surveying infected sites; novel detection mechanisms: Jointly funded with Kangaroo Island NRM Board, Native Vegetation Council.
- Mooney T, Pisanu P & Baxter C** 2008-2009 Human influences on Hooded Plover breeding success on Kangaroo Island: Wildlife Conservation Fund Grant.
- Morgan C** 2009 - present Assessment of historical fire regime against ecological fire management guidelines. What proportion of DEH C Zones meet the guidelines?

Projects

Morgan C 2009 - present Development of a fuel surface for use in fire spread modelling and identification of fire prone areas.

Morgan C 2008 - present Interpretation of the Adelaide Region, Ecological Fire Management Guidelines for adaptive management.

Morgan C 2006 - 2008 Interpretation of the Ngarkat District Fire Management Plan, Ecological Fire Management Guidelines for adaptive management.

Morgan C 2008 Interpretation of the Kangaroo Island, Ecological Fire Management Guidelines for adaptive management.

Morgan-Richards M, Robertson A, **Lowe A** 2005 Does gene flow limit species' ranges?: Royal Society of New Zealand Marsden grant.

Mortimer L 2008 - 2009 Integrated Coast and Marine Management - Eyre Peninsula: Caring for our Country. Munn A, Dickman C (University of Sydney), Payne N (NSW Department of Environment and Conservation), **Farroway L**, Mawson P (WA Department of Environment and Conservation), McLeod S (NSW Department of Primary Industries) 2006-2009 Avoiding Environmental Bankruptcy: The cost of red kangaroos and sheep in arid rangelands: Australian Research Council Linkage Project.

Munro J Current Permanent Pool and Surface Water Monitoring Projects, Northern and Yorke: Caring for our Country, NY NRM Board funding.

Munro J Current Water and stormwater management projects, Northern and Yorke: NY NRM Board funding.

Munro J Current Water - Historical information, Aboriginal Culture, Communications - Northern and Yorke: NY NRM Board funding.

Munro J Current Water Monitoring and Information Portal for Clare Valley: Clare Valley PWRA Levy.

Munro J Current Water Affecting Activity (WAA) Management, Permits & Compliance - Northern and Yorke: NY NRM Board funding.

Munro J Current River Red Gum Monitoring Project, Northern and Yorke: Caring for our Country.

Murray-Jones S 2004 Detailed mapping of nearshore marine habitats: Murray-Darling Basin NRM Board Integrated Natural Resource Management.

Murray-Jones S 2001-2008 Joint South Australian Research and Development Institute/DEH Seagrass restoration project: Coast Protection Board.

Murray-Jones S 2009 Seagrass Condition Monitoring in Yankalilla area: Adelaide & Mt Lofty Ranges NRM Board.

Neagle N 2003-2007 Biological Survey of the Mid North and Yorke Peninsula: Northern and Yorke Agricultural District Natural Resources Management Committee.

Neagle N 2009 - present A Biological Survey of the Nantawarrina Indigenous Protected Area, South Australia: Jointly funded with Nipapanha Community.

Neagle N 2008 - present A Biological Survey of the Marqualpie Land System, Innamincka Regional Reserve, South Australia: Santos.

Neumann C, Hobbs T, Tucker M 2009-2011 Carbon sequestration rates and biomass production rates from agroforestry in lower rainfall zones (300-650mm) of South Australia: Australian Government Department of Agriculture, Fisheries and Forestry.

Neumann C, Hobbs T, Tucker M 2010 Murray & Mallee Carbon Forum 2010, Murray Bridge Town Hall & Monarto: Regional Development Australia - Murraylands & Riverland.

Ottewell K (University of Adelaide), **Bickerton D, Lowe AJ** 2007-2009 Conservation genetics of threatened South Australian plants.

Paton D (University of Adelaide), **Lowe AJ**, Hill R (University of Adelaide) 2007-2009 Habitat reconstruction and restoration: securing biodiversity assets in the face of climate change: Australian Research Council Environmental Futures Network.

Pedler L, Mooney T, Sobey E, Barth M 1995 - present Implementing the South Australian Glossy Black-Cockatoo Recovery Program: Natural Heritage Trust, SA Government, Kangaroo Island NRM Board and private donations.

Peet J Current Monitoring Data for Regional Resource Assets and State of the Region Reporting - Northern and Yorke: NY NRM Board funding.

Projects

- Pelton G, Besednjak T, Ginman E, McKenna D** 2010 - current Development of fire management plans for South Australia.
- Pisanu P** Ongoing Threatened Flora Program, Kangaroo Island (eastern): Management and restoration of 15 Threatened Plants, one plant community: Jointly funded with Natural Heritage Trust (Kangaroo Island NRM Board), Threatened Species Network, Dept of the Environment, Water, Heritage and the Arts, BioR, University of South Australia, private landholders.
- Pisanu P** Ongoing Feral Animal Management: Jointly funded with Kangaroo Island NRM Board, Invasive Animals Cooperative Research Centre.
- Pisanu P** 2008-2009 Australian Sea Lion recovery: distribution and abundance; population dynamics and management: South Australian Research and Development Institute, SA Museum, SA National Parks and Wildlife Council - Wildlife Conservation Fund, Melbourne University.
- Pisanu P** 2004-2008 Kangaroo Island Biodiversity Monitoring Program: Natural Heritage Trust (Kangaroo Island NRM Board).
- Pisanu P & Ellis R** Ongoing Mallee Ecosystem Research: Jointly funded with Kangaroo Island NRM Board, Dept of the Environment, Water, Heritage and the Arts, Flinders University, University of Adelaide.
- Pisanu P & Mooney T** Ongoing Threatened Fauna Programme, Kangaroo Island: Management and recovery of a range of fauna, including survey, monitoring and management: Jointly funded with Kangaroo Island NRM Board, Wildlife Conservation Fund, Threatened Species Network, private rescue fund through Nature Foundation SA.
- Pobke K & Bickerton D** Ongoing Threatened Flora Programme – Habitat Management for Species Survival, Eyre Peninsula (Eyre Hills): Recovery and management of 23 nationally listed threatened flora and threatened communities: Jointly funded with Eyre Peninsula NRM Board (Natural Heritage Trust) and Nature Foundation.
- Powell T, **Hall J** 2007-2008 South East Irrigation Benchmarking Project: South East NRM Board.
- Quarmby J** 2008 - current Assessing the current distribution and abundance of threatened flora in the Adelaide & Mount Lofty Ranges region: Adelaide & Mt Lofty Ranges NRM Board.
- Quarmby J** 2007- present Effects of prescribed burning on *Caladenia behrii* and *Caladenia rigida*: Adelaide & Mt Lofty Ranges NRM Board.
- Quarmby J** 2009 - present Effects of prescribed burning on *Dampiera lanceolata var intermedia*: Adelaide & Mt Lofty Ranges NRM Board.
- Quarmby J** 2004 - present Population dynamics of threatened orchid populations: Adelaide & Mt Lofty Ranges NRM Board.
- Quarmby J, Bickerton D** 2001 - 2007 Effects of disturbance on *Caladenia gladiolata*: Natural Heritage Trust, N&Y NRM Board.
- Rasheed R** Current Engagement of Landowners in NRM Practices and Implementation; engagement with Community in Natural Resources Management - Upper North: Caring for our Country.
- Rawlings C** Current Community Engagement projects: NRM Funding and Caring for our Country.
- Richardson DM, Wilson JR, **Lowe AJ**, Hedderson TAJ, Hoffman JH, Sheppard AW, Witt ABR, Foxcroft LC 2007-2010 Research for integrated management of invasive alien species; Using genetic techniques to improve understanding and management of invasive alien plant species in South Africa: Working for Water Programme, South African Government.
- Ricketts, G.** 2010-current Coorong, Lower Lakes and Murray Mouth - South East Flows Restoration: Commonwealth government.
- Ricketts, G.** 2010-current Coorong, Lower Lakes and Murray Mouth - South Lagoon Salinity Reduction Scheme: Commonwealth government.
- Roberts G** Current Broughton River landscape: Lower North Group Funding.
- Roberts G** Current Resource Condition and Information Database (NYIS): State NRM Funding.
- Roberts G** Current Engagement with Community in Natural Resources Management - Lower North: NY NRM Board funding.
- Roberts G** Current Pest Plant and Animal Control - Lower North: Caring for our Country, NY NRM Board funding.
- Roberts G** Current Land Condition Management and Compliance Land Management Process - Lower North: NY NRM Board funding.
- Robinson AC, Canty PD** 2006-2007 Vegetation survey and mapping of Flinders Island.

Projects

- Robinson AC, Canty PD, Armstrong DM**, Medlin G (South Australian Museum) 2006-2007 Fauna survey of Flinders and Pearson Islands, Investigator Group.
- Rogers DJ** 2008 - current Identifying Landscape-scale Conservation Priorities using Landscape Assessment.
- Rolston A** Ongoing Coorong, lower lakes and Murray mouth ecological monitoring: Jointly funded with University of Adelaide, Commonwealth Scientific and Industrial Research Organisation, Dept of Water, Land and Biodiversity Conservation.
- Rolston, A.** 2010-current Coorong, Lower Lakes and Murray Mouth Monitoring and Adaptive Management Framework: Commonwealth government.
- Rumbelow K** 2010 Carbon sequestration and biodiversity restoration along the River Murray: SA State NRM Program.
- SA Arid Lands** 2010-current Improving management of pastoral lands for ecological and productivity benefits: State NRM funding.
- SA Arid Lands** 2010-current A model for applying significant environmental benefits in the arid lands: State NRM funding.
- SA Arid Lands** 2010-2011 Informing best practice dingo management in the arid zone: State NRM funding.
- SA Arid Lands** 2010-current Improving Natural Resources Management in the Arid Lands SA: Caring for our Country.
- SA Arid Lands** 2009-current Managing southern pastoral lands for ecological and productivity benefits through coordinated on-ground works: Caring for our Country.
- SA Arid Lands** 2009-2010 Understanding and Managing Critical Refugia in the Arid Lands of Central Northern Australia: Caring for our Country.
- SA Arid Lands** 2010-current Protecting the Diamantina River Wetland Refuge from Feral Pig Damage - in collaboration with Desert Channels Queensland : Caring for our Country.
- SA Arid Lands** 2009-current Combining cultural and ecological knowledge to develop a regional cultural and ecological land management strategy: Caring for our Country.
- SA Arid Lands** 2009-current Valuing people and building capacity for managing functional ecosystems in the Arid Lands: Caring for our Country.
- SA Arid Lands** 2008-current Allocating water and maintaining springs in the Great Artesian Basin: National Water Commission.
- SA Murray-Darling Basin** Current Setting the Regional Baseline for Bushland Condition: SA MDB NRM Board.
- SA Murray-Darling Basin** Current Protecting Ground Dwelling Birds: SA MDB NRM Board.
- SA Murray-Darling Basin** Current Local Action Planning On-Ground works incentives across the region, enabling community groups to undertake on-ground works to protect and enhance vegetation: SA MDB NRM Board.
- SA Murray-Darling Basin** Current Recovering Mallee Birds - This project is initially focusing on five bird species in the SA MDB region: Mallee Emu-wren, Striated Grasswren, Western Whipbird, Red Lored-whistler and Malleefowl: SA MDB NRM Board.
- SA Murray-Darling Basin** Current EMLR BushBids – a conservation auction (10 year stewardship) for the Eastern Hills: SA MDB NRM Board.
- SA Murray-Darling Basin** Current Woorinen Recovery Project – demonstration and trialing of ecological restoration for northern Mallee sands to increase habitat extent for threatened Mallee birds over 300 hectares: SA MDB NRM Board.
- SA Murray-Darling Basin** Current Environmental Stewardship Multiple Ecological Communities Project in South Australia – a conservation auction (15 year stewardship) for Peppermint Box grassy woodlands and Iron Grass grasslands: SA MDB NRM Board.
- SA Murray-Darling Basin** Current Woodland BushBids – a conservation auction (5 yr stewardship) focused on the arid woodlands of the Murraylands and rangelands and habitat of the Southern Hairy Nosed Wombat: SA MDB NRM Board.
- SA Murray-Darling Basin** 2010 Identifying climate change strategies to inform wetland and floodplain management along the River Murray in South Australia.
- SA Murray-Darling Basin** Current Recovery of Threatened Plants - The recovery plan for nine nationally threatened plants found in the SA MDB NRM region: DENR and SA MDB NRM Board.

Projects

- SA Murray-Darling Basin** & Assoc Prof Eileen Scott (University of Adelaide) 2007 - 2010 Impact of *phytophthora cinnamomi* on native vegetation in South Australia - understanding underlying mechanisms to improve management: SA MDB NRM Board / ARC Linkage.
- SA Murray-Darling Basin** & B Lawson 2010 - 2011 Improving soil management to support resilient farming systems in the Murray Mallee: State NRM Program.
- SA Murray-Darling Basin** & B Lawson 2010-2012 Four grazing demonstrations to maintain ground cover and reduce soil loss: Sustainable Agriculture Initiative.
- SA Murray-Darling Basin** & **Doug Bickerton** Current Threatened Flora Projects being undertaken in SA MDB: DENR and SA MDB NRM Board.
- SA Murray-Darling Basin** & Dr Elisa Sparrow (Conservation Ark) 2011 - 2012 Translocation of Southern hairy Nosed Wombats and re-colonisation: SA MDB NRM Board.
- SA Murray-Darling Basin** & Dr Elisa Sparrow (Conservation Ark) 2011 - 2012 Population Survey of Southern Hairy Nosed Wombats in the Murraylands: SA MDB NRM Board / State NRM Grants.
- SA Murray-Darling Basin** & **Dr Hugh Cross** 2011 Grazing impacts on lichens in arid South Australia: NVC Research Grants.
- SA Murray-Darling Basin** & Dr Martin Westbrooke (University of Ballarat) 2011 - 2012 Re-monitoring of arid lands under conservation management (in Dangalli): NVC Research Grants.
- SA Murray-Darling Basin** & Flinders University Current Coorong and Lower Lakes Benthic Invertebrate / Mudflat Monitoring: SA MDB NRM Board.
- SA Murray-Darling Basin** & Flinders University Ongoing Tubeworm (*Ficopomatus enigmaticus*) monitoring and research (habitat requirements, distribution and colonisation) in the Lower Lakes and Coorong: SA MDB NRM Board.
- SA Murray-Darling Basin** & Flinders University Current Diatom/Bacteria Concentrations in relation to Goolwa Cockle Populations: SA MDB NRM Board.
- SA Murray-Darling Basin** & Flinders University Current The use of *Ruppia* sp. as an umbrella species to enhance Coorong and Lower Lakes restoration: SA MDB NRM Board.
- SA Murray-Darling Basin** & Phil Barron (Barron Environmental Consulting) 2009 - 2011 Revegetation research for the Murray Mallee – Options for improving the reliability and success of revegetation for biodiversity or habitat restoration: SA MDB NRM Board.
- SA Murray-Darling Basin** & SARDI Ongoing Barrage Fishway Investigations: SA MDB NRM Board.
- SA Murray-Darling Basin** & SARDI Current Lower Lakes Aquatic Vegetation Monitoring: SA MDB NRM Board.
- SA Murray-Darling Basin** & SARDI Ongoing Coorong Fish Population Monitoring: SA MDB NRM Board.
- SA Murray-Darling Basin** & University of Adelaide Current Coorong Bird Census and Habitat Analysis: SA MDB NRM Board.
- SA Murray-Darling Basin** & University of Adelaide Current Lower Lakes Bird Census: SA MDB NRM Board.
- SA Murray-Darling Basin** & University of Adelaide Current Limestone toxicity trials in relation to hardyhead fish species: SA MDB NRM Board.
- SA Murray-Darling Basin** & University of Adelaide Current Foodweb study of zooplankton and fish, in relation to environmental watering of Lower Lakes wetlands: SA MDB NRM Board.
- SA Murray-Darling Basin** & University of Adelaide Current Establishing baseline ecological conditions for the Lower Lakes, South Australia: the applications of palaeoecology to sustainable resource management: SA MDB NRM Board.
- SA Murray-Darling Basin** & University of Adelaide Current Lower Lakes Threatened Fish Monitoring: SA MDB NRM Board.
- SA Murray-Darling Basin NRM Board** 2003 - 2005 River Murray Wetlands Baseline Survey Projects - collected data at 61 wetlands along the River Murray in South Australia, from the NSW/Vic border to the Murray Mouth: SA MDB NRM Board.
- SA Murray-Darling Basin NRM Board** 2006 - 2007 Floodplain prioritisation project - focus on establishing broad scale floodplain priorities on the basis of environmental values, threats to the floodplain and the opportunity to manage these threats: SA MDB NRM Board.
- SA Murray-Darling Basin**, GWLAP, PIRSA & Rural Solutions Current Lower Lakes Grazing Trial Monitoring: SA MDB NRM Board.

Projects

- SA Murray-Darling Basin, I Falkenberg (Northern and Yorke)** & Prof Michael Bull (Flinders University) 2007 - 2010 Translocation as a Conservation Strategy for the Pygmy Bluetongue Lizard: SA MDB NRM Board / ARC Linkage.
- Schofield J** 2007- 2009 Area of occupancy of the Pygmy Bluetongue Lizard in the Northern and Yorke Region: Envirofund, Nature Foundation of South Australia.
- Schofield J** 2007- 2009 Monitoring of 9 Pygmy Bluetongue Lizard populations: Threatened Fauna Officer operating budget from the Northern and Yorke NRM Board.
- Schofield J** 2007- 2009 Distribution of the Krefft's Tiger snake in the Northern and Yorke Region: Northern and Yorke NRM Board.
- Schofield J** 2007- 2009 Is the abundance of Mistletoe affected by increasing possum numbers?: Envirofund, Clare and Gilbert Valley Council small assets grant.
- Scott ES (University of Adelaide), Facelli JM (University of Adelaide), **Velzeboer RM** & Able AJ (University of Adelaide) 2007-2010 Impact of *Phytophthora cinnamomi* (biosecurity threat) on native vegetation in South Australia – understanding underlying mechanisms to improve management: Australian Research Council Linkage Project.
- Seaman, R.** 2007-2009 Water Security Project Management: SA government.
- Seaman, R.** 2007-2009 Wellington Weir Environmental Impact Assessment: SA government.
- Seaman, R.** 2008-2010 Real Time Management Strategy to avoid acidification: SA Murray-Darling Basin Authority.
- Seaman, R.** 2009-2010 Role of Carbon in bioremediation: Commonwealth government.
- Seaman, R.** 2009-current Coorong, Lower Lakes and Murray Mouth - Goolwa Channel Water Level Management Project: Commonwealth government.
- Seaman, R.** 2009 Bioremediation and landscape restoration for the Coorong, Lower Lakes and Murray Mouth region: SA government.
- Seaman, R.** 2009 Landscape Restoration trials at Lake Albert: SA and Commonwealth governments.
- Seaman, R.** 2009-2010 Environmental Impact Statement for the introduction of seawater into the Coorong, Lower Lakes and Murray Mouth Region: SA government.
- Sharp A** 2002-2008 Assessment of management regimes for maintaining structure and composition of threatened native grasslands: Jointly funded with University of Adelaide, Rural Solutions SA.
- Sharp A** 2003-2013 Examination of whether fox predation limits or regulates populations of yellow-footed rock-wallabies and the resultant management implications.
- Sharp A** 2004-2014 Numerical responses of endangered Pygmy Bluetongue Lizard populations in relation to prey, vegetation and rainfall: Northern and Yorke NRM Board.
- Sharp A** 2006-2007 Effects of cell grazing practices on survival of spider burrows and the implications for Pygmy Bluetongue Lizard populations: Natural Resources Management.
- Sharp A** 2006-2007 Experimental translocation of the critically endangered spiny daisy: Jointly funded with Natural Resources Management.
- Sharp A** 2006-2008 Demographic and behavioral effects of different grazing regimes on Pygmy Bluetongue Lizard populations in grazed grasslands: Australian Research Council Linkage Project (Flinders University).
- Sharp A** 2007-2008 Effects of predator training on reintroduced tammar wallabies: Jointly funded with Royal Zoological Society of SA.
- Sharp A** Ongoing Threatened Species Programme, Northern and Yorke, Olary ranges: Management and recovery of threatened species - 11 flora and 7 fauna, 2 threatened communities: Jointly funded with Northern & Yorke Natural Resources Management, Flinders University, Wildlife Conservation Fund, CVA.
- Sharp A** & Clare Valley Mistletoe Action Group 2003-2013 Examination of whether common brushtail possum populations can be augmented through the use of nest boxes and whether increased possum abundance/herbivory can control over-abundant box mistletoe: Jointly funded with Natural Resources Management and Envirofund.
- Sharp A** & Royal Zoological Society of SA 2007-2008 Assessing whether Western Whipbird population size can be determined using individual call recognition: Threatened Species Network funding.
- Sharp A** & Threatened Plant Action Group 2003-2004 Population dynamics of threatened superb groundsel: Native Vegetation Council Fund.

Projects

Sharp A & University of Adelaide, Royal Zoological Society of SA 2004-2007 Tammar wallaby reintroduction program - Space use patterns, diet, demographic analysis and genetic implications: Jointly funded with Australian Government.

Sharp A & University of South Australia 2004-2005 Western Pygmy Possum space use patterns and behaviour: Jointly funded with Wildlife Conservation Fund.

Sharp A & University of South Australia 2006-2007 Western Pygmy Possum and phenology in mallee habitats: Jointly funded with National Geographic.

Sheldon RA, Cooling M (Ecological Associates Pty Ltd) 2007-2008 Mosquito Creek Project - Determination of environmental water requirements for the Mosquito Creek catchment: Regional Competitive Component Natural Heritage Trust 2.

Sheldon RA, SKM 2007-2008 Mosquito Creek Project - Determination of Sustainable Diversion Limits for surface water catchments shared between South Australia and Victoria: Regional Competitive Component Natural Heritage Trust 2.

Sheldon RA, Taylor B (Ecological Associates Pty Ltd) 2007-2008 Vegetation Monitoring Program Design and Implementation, Lake Hawdon South, South East South Australia: Strategic Reserve Funding Natural Heritage Trust 2.

Sheldon RA, Wohling D and Mustafa S (Dept of Water, Land and Biodiversity Conservation) 2007-2008 Spatial distribution, qualification and quantification of groundwater discharge into Mosquito Creek, Millicent Coast Basin: National Water Initiative.

Sloper D Current Development of a Coastal Planting Guide: Caring for our Country.

Sloper D Current Engagement of Landowners in NRM Practices and Implementation; engagement with Local Government and Community in Natural Resources Management - Yorke Peninsula: Caring for our Country.

Sloper D Current Community Grants Program Coordination (CfoC), Northern and Yorke: Caring for our Country.

Sloper D Current Community Grants Land Management, Water, Biodiversity and Pests Plants & Animal Projects, Northern and Yorke: Non-government Grant Funding.

Smyth A, Davies R (Commonwealth Scientific and Industrial Research Organisation Sustainable Ecosystems), **Brandle R**, Cook G (Commonwealth Scientific and Industrial Research Organisation, Soils research) and Dawes-Gromadzki T (Soil invertebrate research) 2006-2009 Assessing biodiversity outcomes from waterpoint management in the South Australian Arid Lands: LWA Project Reference No. CSE44.

Sobey E 2008 Glossy Black-Cockatoo habitat mapping and modelling in development prone areas on Kangaroo Island: Threatened Species Network.

South East Current Threat abatement program for the protection of threatened native flora and fauna: Caring for our Country.

South East Current Connecting the Catchments and The Integrated Management of Mosquito Creek: NRM Board and Partners.

South East Current Marine Integration and Reef Watch.

South East Current Threatened species and Habitat Recovery Project: Caring for Our Country.

South East Current Identify and protect Water Dependent Ecosystems.

South East Current Threat Abatement for key habitat of migratory and threatened shorebirds in the South East of South Australia: Caring for our Country.

South East Current Lower South East wetland restoration and strategic regional wetland management: Caring for our Country.

South East Current Healthy wetlands on private land - supporting landholders in the South East to restore and manage aquatic habitat.

South East Current Coorong and Limestone Coast: Coastal Action Plan and Conservation Priority Study: Caring for our Country.

South East 2009-2010 Protecting our shorebirds from predators: Caring for our Country.

South East Current Supporting Aboriginal involvement in natural resources management activities across the South East: Caring for our Country.

South East Current Bucks for Bush Grants program - grants to tackle local biodiversity issues through on-ground work projects.

Projects

- South East & Conservation Council** Current South East landholder engagement for on-ground Stringybark Woodland and Cockatoo habitat protection.
- South East & Department for Water** Current Regional Flow Management Strategy.
- South East & Rural Solutions (PIRSA)** Current A knowledge based system for ecological burning in the South East of South Australia: Caring for our Country.
- South East & SARDI** Current Improving land management practices to enhance soil health: NRM Fund and Caring for our Country.
- South East, SA Museum & Flinders University** Current Stygofauna Project.
- Stadter F** 2008 - current Soils and Land Management Programs: NRM Funding and Caring for our Country.
- Stanley M** 2009 - current Sustainable dryland agriculture initiative - Eyre Peninsula: State NRM.
- Stanley M** 2009 -2010 Building living soils by supporting innovative farming practices on the Eyre Peninsula: State NRM Program Funding.
- Stanley M** 2009 -2010 Landscape Futures - Eyre Peninsula: State NRM Program Funding.
- Stanley M and Clarke K** 2009 - current Towards 2050 - Eyre Peninsula Climate Change Program: State NRM.
- State Herbarium of SA** 2009 - current Weed evolution, adaptation and management: State NRM program, Caring for our Country.
- State Herbarium of SA** 2010 Upgrade of Australia's Virtual Herbarium.
- State Herbarium of SA** 2010 Digitise all volumes of the *Marine Benthic Flora* for internet publication.
- Stephens E** 2009 Assessment of Hooded Plover (*Thinornis rubricollis*) breeding success and threats on the Fleurieu Peninsula 2006/07: Adelaide & Mt Lofty Ranges NRM Board.
- Stewart HJ** Current Biological Survey of the Arid Rivers: SA Arid Lands NRM.
- Stewart HJ** Current Changes in Vegetation dynamics as a result of pastoral grazing in the Kingoonya soils Conservation District.
- Stewart HJ** Current Distribution of the Orange-bellied Parrot in the Coorong as part of the Orange-bellied Parrot Recovery Plan.
- Stewart HJ** Current Development of a glasshouse experiment to test the transfer of Mundalla Yellows via soil between Eucalypt species.
- Stewart HJ** Current Biological Surveys of the River Murray Valley: National Action Plan for Salinity.
- Stubbs W** Current Southern Emu Wrens and Fleurieu Peninsula Swamps recovery and management: Jointly funded with Adelaide & Mt Lofty Ranges NRM Board.
- Stubbs W, Paton D (University of Adelaide), Pound L** Current Para Woodlands Restoration Project: Nature Foundation.
- Sutherland, L.** 2008-current Coorong, Lower Lakes and Murray Mouth - Ngarrindjeri Partnerships: Commonwealth government.
- Sweeney S** 2010-2012 Cropping sustainability and erosion risk under climate change: State NRM Program.
- Sweeney S** 2009-2010 Impact and adaptation to climate change in low rainfall cropping zones of SA: Linking production and land management outcomes: DENR & NY NRM Board.
- Sweeney S** 2009-2010 Preliminary Biophysical Climate Change Vulnerability Assessment: Northern and Yorke Natural Resources Management Region: DENR & NY NRM Board.
- Sweeney S** 2008-2010 Climate Change and Land Capability: DWLBC funded.
- Taylor D, Pisanu P & Mooney PB** 2007-2009 Eastern Plains Fire Trial Proposal: Jointly funded with Kangaroo Island NRM Board.
- Taylor, B.** 2009-2014 Coorong, Lower Lakes and Murray Mouth - Ruppia Translocation: Commonwealth government.
- Teague K** Current Pest Plant and Animal Control - Upper North: NY NRM Board funding.
- Teague K** Current Land Condition Management and Compliance Land Management Process - Upper North: NY NRM Board funding.
- Thiele KR, Udovicic F, Walsh N & **Kellermann J** 2005-2007 Resolution of generic limits in Rhamnaceae and revision of the family in Australia; treatments of Rhamnaceae for *Flora of Australia*: Australian Biological Resources Study.

Projects

- Toelken HR** Ongoing Finalise revision of genus *Kunzea* (Myrtaceae).
- Toelken HR** Ongoing Finalise description of *Crassula* species and prepare manuscript for Flora of Australia.
- Toelken HR** Ongoing Complete revision of *Hibbertia* in eastern Australia.
- Townsend M** 2010 SA's Vulnerability to Tsunami, Storm Surge and Sea Level Rise Scoping Study.
- Townsend M** 2010 Yorke Peninsula Sea Flood Risk Mapping.
- Tucker M** 2008-2011 Enrich - Fodder Shrubs - Phase 2: Future Farm Industries CRC.
- Tucker M** 2009-2011 Oldman Saltbush Development: Future Farm Industries CRC.
- Tucker M, Hobbs T, Neumann C** 2005-2007 Florasearch Relocation from Murray Bridge to Monarto: SA Government.
- Tunn Y** 2008 Habitat modelling in South Australian Arid Lands: Natural Heritage Trust, SA Arid Lands NRM.
- Tunn Y & Cameron J** 2008 Mangrove mapping adjacent to the Port Augusta rail yards.
- Tunn Y & Cameron J** 2008 Wetland mapping in the lower Cooper and Georgina-Diamantina catchments, Lake Eyre Basin report.
- Tunn Y & Cameron J** 2007 Port Pirie seagrass mapping technical report.
- Tunn Y & Cameron J** 2007 Plains Mouse habitat mapping using remotely sensed data - pilot study report.
- Tunn Y & Cameron J** 2006 Chowilla floodplain study.
- Tunn Y & Cameron J** 2008 Wetland mapping in Eyre Peninsula.
- Tunn Y, Cameron J & Gibson D** 2006 Surface water mapping in southern Alinytjara Wilurara natural resources management region.
- Tunn Y, Cameron J & Gibson D** 2006 Wetland mapping in the Channel Country, SA.
- von Baumgarten P** and **Fotheringham D** 2006-2007 Trialling Resource Condition Indicators for the South Australian Coast: National Land and Water Resource Audit.
- von Baumgarten, P** 2007-2008 Coastal Waters Report Card: Adelaide & Mount Lofty Ranges NRM Board.
- Walden L** Current Climate Change Vulnerability Assessment Yorke & Mid North: NY NRM Board funding.
- Wallace R** Current Biodiversity direct seeding trials - Port Wakefield Defence Range: DENR, Australian Department of Defence and University of South Australia.
- Ward MJ**, Ruykys L & Taggart D (University of Adelaide) Current Conserving Warru in the Anangu Pitjantjatjara Yankunytjatjara Lands.
- West A** and Paton D (University of Adelaide) 2010 - current Learning to achieve large-scale ecological restoration: Adelaide & Mt Lofty Ranges NRM Board.
- White A, Sparrow B, **Foulkes J, Hall J** 2011 Terrestrial Ecosystem Research Network (TERN) - Ausplots Rangelands (soils): National Collaborative Research Infrastructure Strategy (NCRIS), SA government.
- Whiterod, N** 2010-current Development of the Coorong Habitat Plan: prioritisation of on-ground works in the Coorong region: Commonwealth and SA government.
- Williams S** and Taggart D (Royal Zoological Society of SA) 2010 - current Statewide survey of southern hairy-nosed wombats: DENR Research Partnerships Fund.
- Williams S, Hughes L, Stafford-Smith M, Possingham H, Hoffman A, Brook B, **Lowe A**, Pressey B, Williams D, Garnett S, Kitching R, Thomas C, Moritz C 2009-2013 Terrestrial Biodiversity - Adaptation Research Network: National Climate Change Adaptation Research Facility.
- Williamson D** 2006 - current Water Planning: NRM Funding.
- Willoughby N** Current Northern Murray Mallee Habitat Restoration Trial: Jointly funded with SA Murray-Darling Basin NRM (Natural Heritage Trust), University of Adelaide.
- Willoughby N**, Lethbridge M (Flinders University), Simon B (Murray Mallee Local Action Planning Association) 2006-2007 Trialling a process for landscape restoration in the northern Murray Mallee: SA Murray-Darling Basin NRM Board.
- Willson A** 2006-2008 Regional Recovery Plan Pilot Project for the Adelaide & Mt Lofty Ranges Region: Investment of Natural Heritage Trust Extension funds under the National Bushcare Program.
- Wouters M** (Project leader) 2011-2012 Establishment of PHOENIX Fire Behaviour Model Capability in SA: National Disaster Resilience Program.

Projects

- Wouters M** (Project leader) 2011-2012 Strategic Assessment of Fire Policy & Planning under the EPBC Act.
- Wouters M et al**, Fire Management Branch 2009-2013 Adaptive Management of Fire in Mount Lofty Ranges.
- Wouters M et al**, Fire Management Branch 2009-2011 Fauna Fire Response dataset for South Australia.
- Wouters M et al**, Fire Management Branch 2006-2011 Fuel Hazard Assessment across South Australia fuel types.
- Wouters M et al**, Fire Management Branch 2004-2010 Development of Ecological Fire Management Guidelines.
- Wouters M et al**, Fire Management Branch 2004-2010 Plant Fire Response dataset for South Australia.
- Zalucki M, Hoffman A, **Lowe AJ** July 2006 Estimating the risk of null alleles in moth population genetic studies: National Invertebrate Pest Initiative.

Supervision

List of supervisory roles, ongoing and completed in the last five years

Honours

Barbara Cook (2007 - 2008, University of South Australia) 'Germination requirement of Native Liliaceae species' *DENR Supervisor: P Ainsley Other Supervisor(s):* Dr J Gibbs (University of South Australia)

Jenna Currie (2004 - 2005, University of Adelaide) 'Conservation studies of two threatened plant species endemic to Kangaroo Island' *DENR Supervisor: P Ainsley Other Supervisor(s):* C Schultz (University of Adelaide), A Granger

Todd Erickson (2006 - 2007, University of South Australia) 'Seed dormancy patterns and germination requirements of two nationally threatened compositae species, *Brachyscome muelleri* & *Senecio megaglossus* in semi-arid South Australia' *DENR Supervisor: P Ainsley Other Supervisor(s):* Dr J Gibbs (University of South Australia)

Tina Law (2008 - 2008, University of South Australia) 'Investigating seed dormancy systems and germination requirements of *Lomandra* and *Gahnia* species' *DENR Supervisor: P Ainsley Other Supervisor(s):* Dr J Gibbs (University of South Australia)

Alice Quarmby (2006 - 2007, Flinders University) 'Seed dormancy and germination of two threatened Kangaroo Island plant species' *DENR Supervisor: P Ainsley Other Supervisor(s):* G Kirby (Flinders University)

Emma Steggles (2006 - 2006, University of South Australia) 'Amenability of the native orange (*Capparis mitchellii*) to propagation through plant tissue culture' *DENR Supervisor: P Ainsley Other Supervisor(s):* C Williams (University of South Australia)

John Marshall (2006 - 2008, Flinders University) 'Population biology and ecology of species in the *Rubus fruticosus* aggregate in the Mt. Lofty Ranges, S.A.' *DENR Supervisor: R Barker Other Supervisor(s):* Dr M Whalen (Flinders University) & Dr WR Barker (DEH)

Amanda Gaetjens (2005 - 2005, University of Adelaide) 'The impact of increased turbidity on *Amphibolis* and *Posidonia*' *DENR Supervisor: S Bryars Other Supervisor(s):* J Tanner (University of Adelaide)

Dennis Gonzalez (2005 - 2005, Flinders University) 'Estimation of benthic habitats from remote underwater video: applications in remote sensing validation and investigating seagrass patch dynamics' *DENR Supervisor: S Bryars Other Supervisor(s):* P Fairweather (DEH, Flinders University)

Jodi Lill (2006 - 2007, Flinders University) 'Stable nitrogen isotopes and macronutrient allocation within *Amphibolis antarctica* (Labill.) Sonders and Aschers.' *DENR Supervisor: S Bryars Other Supervisor(s):* P Fairweather (DEH, Flinders University)

Kane Williams (2004 - 2004, University of Adelaide) 'An investigation into the effect of finfish aquaculture on the demersal macrofauna in Fitzgerald Bay (Spencer Gulf, South Australia) using remote underwater video' *DENR Supervisor: S Bryars Other Supervisor(s):* J Tanner (University of Adelaide)

Veronika Bandara (2007 - 2008, Flinders University) 'Yellow staining mushrooms of the *Agaricus xanthodermus* (Agaricaceae) complex in South Australia' *DENR Supervisor: P Catchside Other Supervisor(s):* D Catchside (Flinders University)

B Hamilton (2009, Flinders University) 'Assessment of *Posidonia coriacea* as Habitat for Animals and the Concept of Surrogacy in Marine Parks' *DENR Supervisor: P Fairweather, B McDonald*

R Langley (2006, Flinders University) 'Testing Sandy Beach-state Classifications and Macrofaunal Responses in the Encounter Bay Marine Protected Area' *DENR Supervisor: P Fairweather, B McDonald*

R Morcom (2007, Flinders University) 'Testing a Rapid Method for Predicting Macrofauna on Sandy Beaches in the Proposed Encounter Marine Park' *DENR Supervisor: P Fairweather, B McDonald*

Sara Ormond (2008 - 2008, University of South Australia) *DENR Supervisor: A Graham Other Supervisor(s):* Dr C Daniels (University of Adelaide)

Nakoa Goo (2007 - 2008, University of Hawaii at Hilo) "'Population Structure of two invasive red macroalgal species in the Hawaiian Islands: *Gracilaria salicornia* and *Hypnea musciformis*'" *DENR Supervisor: F Gurgel Other Supervisor(s):* K McDermid

Supervision

Joel Williams (2007 - 2008, Flinders University) 'Implementing NatureLinks: Does dune-top and roadside native vegetation provide dispersal corridors for wildlife in the face of climate change. 2007-2008' *DENR Supervisor: L Halliday* *Other Supervisor(s):* M Bull (Flinders University), Dr D Driscoll (Australian National University)

Sharon Gillam (2004 - 2004, University of Adelaide) 'Regeneration of heathland vegetation after fire in Ngarkat Conservation park, SA' *DENR Supervisor: M Henderson* *Other Supervisor(s):* Dr D Paton (University of Adelaide)

Brooke Swaffer (2005 - 2005, Flinders University) 'Plant species recruitment and colonisation after fire in mallee ecosystems' *DENR Supervisor: M Henderson* *Other Supervisor(s):* Dr D Driscoll (Australian National University)

Nicole Dowling (2010, University of Adelaide) 'Seed quality and asymbiotic germination techniques for native terrestrial orchid species' *DENR Supervisor: M Jusaitis, P Ainsley* *Other Supervisor(s):* Prof D Paton

Edward Snelling (2006 - 2006, University of Adelaide) 'Foraging behaviour of the southern brown bandicoot *Isodon obesulus*: a comparison between blackberry and remnant vegetation of different ground layer densities' *DENR Supervisor: K Long* *Other Supervisor(s):* S Carthew (University of Adelaide)

Jo Blessing (2003 - 2004, University of Queensland) 'Evolution of genomic regions underlying pathogen resistance in *Drosophila melanogaster*' *DENR Supervisor: A Lowe* *Other Supervisor(s):* E McGraw

Carolyn Blomley (2003 - 2004, University of Queensland) 'Development and application of a molecular marker for studying the population genetics of *Phytophthora*' *DENR Supervisor: A Lowe* *Other Supervisor(s):* E Aitken

Chris Spain (2005 - 2006, University of Queensland) 'The impacts of sub-tropical rainforest fragmentation on *Macadamia tetraphylla* populations at the genetic and habitat scales' *DENR Supervisor: A Lowe* *Other Supervisor(s):* C Hardner (CSIRO)

Alanna Speirs (2003 - 2004, University of Queensland) 'Towards genotyping the *Mary Rose*: A protocol to extract DNA from the oak timber of a 16th Century Warship.' *DENR Supervisor: A Lowe* *Other Supervisor(s):* T Loy

Joy McKechnie (2003 - 2004, Flinders University) 'Ecological implications for the management of wrack on South Australian sandy beaches' *DENR Supervisor: S Murray-Jones* *Other Supervisor(s):* P Fairweather (Flinders University)

Warwick Noble (2004 - 2005, Flinders University) 'Survey methodologies and the distribution of *Dicathais orbita* in South Australia: population characteristics and appropriateness of techniques' *DENR Supervisor: S Murray-Jones* *Other Supervisor(s):* K Benkendorff (Flinders University)

Masters

Fadiya Hallaby (2009 - 2011, University of Adelaide) 'Further investigation of native orange (*Capparis mitchellii*) and native lime (*Citrus glauca*) micropropagation' *DENR Supervisor: P Ainsley* *Other Supervisor(s):* Dr M Wirthensohn

Hong Tsang (2007 - 2009, University of Adelaide) 'Investigating the germination biology of *Cassytha pubescens*' *DENR Supervisor: P Ainsley* *Other Supervisor(s):* Prof J Facelli (University of Adelaide)

Fadiya Hallaby (2009 - 2011, University of Adelaide) 'Further investigation of native orange (*Capparis mitchellii*) and native lime (*Citrus glauca*) micropropagation' *DENR Supervisor: P Ainsley, M Jusaitis* *Other Supervisor(s):* Dr M Wirthensohn

Tracey Spokes (2010 - 2012, University of Adelaide) 'Phylogeography of selected marine macroalgae with emphasis on Australian taxa' *DENR Supervisor: F Gurgel*

Tracey Spokes (2010, University of Adelaide) 'Phylogeography of Selected Australian Macroalgae' *DENR Supervisor: F Gurgel* *Other Supervisor(s):* Prof. Corey Bradshaw

PhD

Rina Aleman (2009 - 2011, University of South Australia) 'Investigating the seed biology and germination requirements of *Brachyscome* species in South Australia' *DENR Supervisor: P Ainsley* *Other Supervisor(s):* Dr F Tiver and Dr J Gibbs

Todd Erickson (2009 - 2011, University of Western Australia) 'Investigating the improved usage of *Triodia* species for restoration works' *DENR Supervisor: P Ainsley* *Other Supervisor(s):* Prof K Dixon, Dr D Merritt, & Dr S Turner (Kings Park Botanic Gardens WA)

Emma Steggles (2008 - 2011, University of Adelaide) 'Investigating soil seed bank dynamics of the Western Myall (*Acacia papyrocarpa*) woodland within Yellabinna Regional Reserve' *DENR Supervisor: P Ainsley, L Pound* *Other Supervisor(s):* Prof J Facelli (University of Adelaide)

Supervision

Rina Aleman (2009 - 2011, University of South Australia) 'Investigating the seed biology and germination requirements of Brachyscome species in South Australia' *DENR Supervisor: P Ainsley, M Jusaitis* Other Supervisor(s): Dr F Tiver, Dr J Gibbs

Mark Lethbridge (1998 - 2004, Flinders University) 'Ecology of the Yellow-footed Rock-wallaby in the northern Flinders Ranges, South Australia' *DENR Supervisor: P Alexander* Other Supervisor(s): Prof H Possingham (University of Queensland)

Greg Guerin (2002 - 2008, University of Adelaide) 'Systematics of *Hemigenia* and *Microcorys* (Lamiaceae).' *DENR Supervisor: W Barker* Other Supervisor(s): Prof R Hill (University of Adelaide)

Dragos Moise (2004 - 2007, University of Adelaide) 'Ecology and Behaviour of two Pachycephalid species (*Pachycephala rufogularis* and *P. inornata*) in Woodlands of South Australia' *DENR Supervisor: P Cale* Other Supervisor(s): Dr D Paton (University of Adelaide)

Austin Brown (2010, University of Adelaide) 'Diversification and speciation in Australian grasses' *DENR Supervisor: H Cross & A Lowe* Other Supervisor(s): Prof David Cantrill, Royal Botanic Gardens Melbourne

HLS Duong (2008, Flinders University) 'Investigating the Ecological Implications of Wrack Removal on South Australian Sandy Beaches' *DENR Supervisor: P Fairweather*

Bryan McDonald (2007, Flinders University) 'The Influence of Seagrass Habitat Architecture & Integrity on Associated Faunal Assemblages' *DENR Supervisor: P Fairweather* Other Supervisor(s): J Tanner

Timothy Richards (2010 - 2012, University of Adelaide) 'Production perennials for biodiversity: Resource connectivity' *DENR Supervisor: A Fisher* Other Supervisor(s): D. Paton (University of Adelaide), A. Smyth (CSIRO)

Nerissa Haby (University of Adelaide) 'Small mammal population dynamics and range shifts with climate change across a heterogeneous environment' *DENR Supervisor: J Foulkes* Other Supervisor(s): Prof B Brook (University of Adelaide)

Ben Sparrow (2007 - 2010, Charles Darwin University) 'Mapping Arid Zone Vegetation with Multispectral and Hyperspectral Image Data' *DENR Supervisor: J Foulkes* Other Supervisor(s): Dr G Boggs (Charles Darwin University), Dr K Pfitzner (ERISS-DEW, Darwin) & Dr G Edwards (NREA-NT, Alice Springs)

Gareth Belton (2010 - 2012, University of Adelaide) 'Phylogeography and the relict species concept of the macroalgal flora of the Great Australian Bight and SA Gulfs' *DENR Supervisor: F Gurgel*

Rainbo Dixon (2008 - 2010, Murdoch University) 'Systematics of the genus *Sargassum* (Fucales, Phaeophyta) in Australia' *DENR Supervisor: F Gurgel*

Nuttanun Soisup (2009 - 2011, University of Adelaide) 'Molecular systematics and phylogeography of selected Australian Phaeophyceae' *DENR Supervisor: F Gurgel*

Nuttanun Soisup (2010, University of Adelaide) 'Molecular Systematics of Marine Macroalgae' *DENR Supervisor: F Gurgel & A Lowe*

Kenneth Clarke (2005 - 2008, University of Adelaide) 'Landscape scale measurement and monitoring of biodiversity in the Australian rangelands.' *DENR Supervisor: D Hart* Other Supervisor(s): M Lewis & B Ostendorf (University of Adelaide)

Kieren Beaumont (2006 - 2009, Flinders University) 'Seed dispersal by ants following fire' *DENR Supervisor: M Henderson* Other Supervisor(s): Dr D Mackay & Dr M Whalen (Flinders University)

Rowena Morris (2005 - 2011, University of Adelaide) 'The effect of prescribed burning on sediment movement in the Mount Lofty Ranges' *DENR Supervisor: M Henderson* Other Supervisor(s): B Ostendorf (University of Adelaide) & D Dragovich (University of Sydney)

Sylvia Clarke (2001 - 2005, University of Adelaide) 'Ant and spider community responses to habitat degradation and restoration in the Flinders Ranges South Australia' *DENR Supervisor: C Holden* Other Supervisor(s): Andy Austin (University of Adelaide) & Jose Facelli (University of Adelaide) & Alen Andersen (CSIRO)

Martin Breed (2010, University of Adelaide) 'Restoration and landscape genetics, modelling and planning' *DENR Supervisor: A Lowe*

Craig Costion (2008- ongoing, University of Adelaide) 'The great Australasian floral interchange; developing phylogenetic methods for biogeography and conservation' *DENR Supervisor: A Lowe* Other Supervisor(s): Prof Darren Crayn, Australian Tropical Herbarium, Cairns

Samantha J Davies (2001 - 2006, Heriot-Watt University, Edinburgh) 'The Population Genetic Consequences of Gene Flow during Colonisation and Regeneration of Forest Trees.' *DENR Supervisor: A Lowe* Other Supervisor(s): A White & S Cavers (Heriot-Watt University)

Supervision

Adam Dinsdale (2005-ongoing, University of Queensland) 'Phylogeography and landscape genetics of whitefly.' *DENR Supervisor: A Lowe Other Supervisor(s):* Y Buckley (University of Queensland)

Ellie Dormontt (2007-ongoing, University of Adelaide) 'Ecological and genomic approaches to address alternative hypotheses in a recent Australian weed *Senecio*' *DENR Supervisor: A Lowe Other Supervisor(s):* P Prentis

Bianca Dunke (2010, University of Adelaide) 'Landscape genetics and fire' *DENR Supervisor: A Lowe Other Supervisor(s):* M. Bull and D. Driscoll

Patricia Fuentes-Cross (2010, University of Adelaide) 'Humans as agents of landscape change in Australia: vegetation turn over and domestication' *DENR Supervisor: A Lowe Other Supervisor(s):* Dr Maarten Ryder, CSIRO

James Hereward (2006-ongoing, University of Queensland) 'Host association, coevolution and gene flow in mirids' *DENR Supervisor: A Lowe Other Supervisor(s):* G Walter (University of Queensland)

Margaret Heslewood (2007-ongoing, University of Adelaide) 'Phylogeography and biogeography of genera in the family Cunoniaceae in Australia' *DENR Supervisor: A Lowe Other Supervisor(s):* M Rossetto (Royal Botanic Gardens Sydney) & Prof D Crayn (Australian Tropical Herbarium, Cairns)

Gunnar Keppel (2004 - 2009, University of Queensland) 'Rarity, ecology and biogeography of lowland tropical rainforest along a natural diversity gradient in the Southwest Pacific.' *DENR Supervisor: A Lowe Other Supervisor(s):* Prof H Possingham & Y Buckley (University of Queensland)

Fran MacGilvary (2008-ongoing, University of Adelaide) 'Tracking phenological shifts and evolutionary impacts due to climate change.' *DENR Supervisor: A Lowe Other Supervisor(s):* J Conran (University of Adelaide)

Rohan Melick (2010, University of Adelaide) 'Investigating the influence of past climate change on the distribution of *Podocarpus*: Evidence from fossil and molecular data' *DENR Supervisor: A Lowe Other Supervisor(s):* Prof. Bob Hill, University of Adelaide; and Dr Maurizio Rosetto, National Herbarium of New South Wales

Rohan Melick (2008-ongoing, University of Adelaide) 'Investigating the influence of past climate change on the distribution of *Podocarpus*: Evidence from fossil and molecular data.' *DENR Supervisor: A Lowe Other Supervisor(s):* M Rossetto (Royal Botanic Gardens Sydney) & R Hill (University of Adelaide)

David Pavlacky (2003 - 2008, University of Queensland) 'Avian patch occupancy and historic population dynamics of logrunners (*Orthonyx temminckii*) in heterogeneous subtropical rainforests of Australia' *DENR Supervisor: A Lowe Other Supervisor(s):* A Goldizen & Prof H Possingham (University of Queensland)

Jolene Scoble (2008- ongoing, University of Adelaide) 'Novel approaches for assessing historical and contemporary vegetation condition in Australian rangelands' *DENR Supervisor: A Lowe Other Supervisor(s):* Anita Smyth and Leo Joseph, CSIRO

Dominique Sigg (1997 - 2005, University of Queensland) 'Mating behaviour and population genetics of the bridled nail tail wallaby.' *DENR Supervisor: A Lowe Other Supervisor(s):* A Goldizen & AR Popple (University of Queensland)

Jessie Wells (2001-ongoing, University of Queensland) 'Spatial ecology of plant regeneration in secondary rainforests of the wet tropics' *DENR Supervisor: A Lowe Other Supervisor(s):* Prof H Possingham (University of Queensland) & D Hilbert

David Taylor (Australian National University) 'Fire Ecology and Dynamics of Mallee on Kangaroo Island' *DENR Supervisor: P Pisanu*

Philip Northeast (2008 - 2011, University of Adelaide) 'Defining Habitat Needs of Declining Woodland Birds to Inform Restoration Programs' *DENR Supervisor: D Rogers Other Supervisor(s):* David Paton

Joseph Davis (2001 - 2005, University of Adelaide) 'A spectral approach to the transient analysis of wave-formed sediment ripples' *DENR Supervisor: M Townsend Other Supervisor(s):* D Walker

Dandong Zheng (2007 - 2010, University of Adelaide) 'Demographic Impacts of Future Sea-level Rise on Adelaide: A Case Study for Australian Populations' *DENR Supervisor: M Townsend Other Supervisor(s):* Dr B Brook (University of Adelaide), G Hugo

Suzanne McKay (2007 - 2010, University of Adelaide) 'Impact of *Phytophthora cinnamomi* on native vegetation in South Australia – understanding underlying mechanism to improve management' *DENR Supervisor: R Velzeboer Other Supervisor(s):* E Scott, J Facelli & A Able (University of Adelaide)

Laura Ruykys (2007 - 2010, University of Adelaide) 'Conserving Warru in the Anangu Pitjantjatjara Yankunytjatjara Lands' *DENR Supervisor: M Ward Other Supervisor(s):* D Taggart (University of Adelaide)

Joel Allan (2006 - 2009, University of Adelaide) 'Building habitat for biodiversity outcomes in rural landscapes' DENR Supervisor: **N Willoughby** Other Supervisor(s): Dr D Paton & Dr B Ostendorf (University of Adelaide)

Andrew Barker (2008 - 2011, University of Adelaide) 'Ecology and management of Southern Scrub-robins (*Drymodes brunneopygia*) in fragmented landscapes' DENR Supervisor: **N Willoughby** Other Supervisor(s): Dr D Paton (University of Adelaide)

Postdoctoral and Visiting Academics

Dr Leanne Pound (2006 - 2009, University of Adelaide) 'Restoration ecology of Yellabinna regional reserve' DENR Supervisor: **P Ainsley** Other Supervisor(s): Prof J Facelli (University of Adelaide)

Dr Cecile Bacles (2005 - 2006) 'Ecological Genomics of Sub-tropical Eucalypt Woodlands: Comparing the Structure and Dynamics of Neutral and Adaptive Genes across a Sharp Environmental Cline in Queensland Eucalyptus' DENR Supervisor: **A Lowe**

Dr Ed Biffin (2007 - 2010, University of Adelaide) 'The evolution and radiation of the Podocarpaceae' DENR Supervisor: **A Lowe**

Dr Sam Davies (2007 - 2007, University of Adelaide) 'Developing best practice for seed sourcing for planting and natural regeneration in the neotropics.' DENR Supervisor: **A Lowe** Other Supervisor(s): Centre for Ecology & Hydrology

Dr Mike Gardner (2006 - 2012, University of Adelaide) 'Climate change refugia and conservation genetics in South Australia' DENR Supervisor: **A Lowe** Other Supervisor(s): Half appointment, Flinders University

Dr Ming Kang (2006 - 2007) 'Testing the role of genetic factors across multiple independent invasions of the shrub Scotch broom (*Cytisus scoparius*)' DENR Supervisor: **A Lowe**

Dr Trish McClland (2006 - 2007, University of Adelaide) 'Does gene flow limit species' ranges?' DENR Supervisor: **A Lowe** Other Supervisor(s): University Of Melbourne

Dr Carlos Navarro (2005 - 2007) 'Developing best practice for seed sourcing for planting and natural regeneration in the neotropics' DENR Supervisor: **A Lowe**

Dr Kym Ottewell (2008 - 2010, University of Adelaide) 'Rare plant conservation genetics' DENR Supervisor: **A Lowe, D. Bickerton**

Dr Peter Prentis (2005 - 2010, University of Adelaide) 'Why do some exotics become invasive?' DENR Supervisor: **A Lowe** Other Supervisor(s): P Schenk (University of Queensland)

Heidy Villalobos (2005 & 2007, University of Adelaide) 'Population genetics of neotropical trees.' DENR Supervisor: **A Lowe** Other Supervisor(s): University San Jose, Costa Rica

Jessie Wells (2005 - 2006, University of Adelaide) 'Spatial ecology of plant regeneration in secondary rainforests of the wet tropics.' DENR Supervisor: **A Lowe** Other Supervisor(s): Prof H Possingham (University of Queensland)

Kueh Kiong (2007 - 2010, University of Adelaide) 'Impact of *Phytophthora cinnamomi* on native vegetation in South Australia – understanding underlying mechanism to improve management' DENR Supervisor: **R Velzeboer** Other Supervisor(s): E Scot, J Facelli, A Able (University of Adelaide)

Collaborations

| DENR Scientist / Region | Collaborators | Affiliated institutes | Areas of shared interest |
|-------------------------|---|--|---|
| Kirstin Abley | Sue Carthew & Jasmin Packer | University of Adelaide | Investigating the habitat quality of blackberry infestations for small mammals |
| Phil Ainsley | Dave Merritt and Amelia Martin | King Park Botanic Gardens (WA) and Mt Annan Botanic Gardens (NSW) | Predictive longevity of Australian native seeds; comparative ageing of seed |
| Phil Ainsley | Jose Facélli | University of Adelaide | Restoration research |
| Phil Ainsley | Duncan Mackay, Molly Whalen | Flinders University | Seed biology/germination |
| Phil Ainsley | Joan Gibbs | University of South Australia | Seed biology germination |
| Alinytjara Wilurara | West Mallee Protection Group | | Caring for surface waters in the Yellabinna and Yumbarra reserves |
| Alinytjara Wilurara | Friends of Great Victoria Desert | | Vegetation monitoring and fauna investigations in the NW of Maralinga Tjarutja lands |
| Dave Armstrong | Mark Hutchinson | South Australian Museum | Reptile ecology & conservation |
| Bill Barker | Dr Dwayne Estes | University of Tennessee, USA | A world revision of <i>Gratiola</i> (Plantaginaceae~Scrophulariaceae) |
| Bill Barker | Mr Dylan Burge and Dr Michael Kiehn | Duke University, USA and University and Botanic Gardens, Vienna, Austria | Evolution of nickel uptake in <i>Stackhousia</i> and morphological, karyological and molecular evolution in Stackhousiaceae |
| Bill Barker | Dr Duncan Mackay | Flinders University | Biogeography of South Australian flora from State Herbarium specimen data |
| Bill and Robyn Barker | Dr Jennifer Tate and Dr Michael Crisp | Massey University NZ and Australian National University, Canberra | Collaboration on Malvaceae, particularly Malveae, in Australia and New Zealand |
| Bill and Robyn Barker | Drs Ethan Milton and Austin Mast, and Dr Peter Weston | Florida State University USA and National Herbarium of New South Wales | A phylogeny of <i>Hakea</i> on morphological and molecular evidence |
| Robyn Barker | Dr John Conran | University of Adelaide | Correct name for <i>Lavatera</i> species transferred to <i>Malva</i> |
| Robyn Barker | Dr Kevin Thiele | WA Herbarium | Lucid keys to Solanaceae and <i>Hakea</i> |
| Robyn Barker | Dr Adrienne Markey | WA Herbarium | New <i>Sida</i> species for WA |
| Robyn Barker | Drs Kevin Thiele, Michael Hislop and Terry Macfarlane | WA Herbarium | New <i>Abutilon</i> species for WA |
| Robyn Barker | Thomas Daniel | California Academy of Science, San Francisco | Acanthaceae |
| Robyn Barker | Randy Small & John Beck | Ecology and Evolutionary Biology, University of Tennessee | <i>Sida</i> – generic limitations and identity of the Australian species |
| E Barnett | | CSIRO | |

Collaborations

| DENR Scientist / Region | Collaborators | Affiliated institutes | Areas of shared interest |
|--|--|---|---|
| | Simpson, S., Jung, R., Jarolimiek, C. and Hamilton, I | | The Potential for Contaminant Mobilisation Following Acid Sulfate Soil Rewetting: Field Experiment |
| E Barnett | Hicks, W.S., Creeper, N., Hutson, J., Fitzpatrick, R.W., Grocke, S. and Shand, P | CSIRO | The Potential for Contamination Mobilisation Following Acid Sulfate Soil Rewetting: Field Experiment |
| E Barnett | Earth Systems | Earth Systems | Quantification of acidity flux rates to the Lower Murray Lakes |
| E Barnett | Hipsey, M.R., Bursch, B.D., Coletti, J. and Salmon, S.U. | The University of Western Australia | Lower Lakes hydro-geochemical model development and assessment of acidification risks |
| E Barnett | Fitzpatrick, R.W., Grealish, G., Shand, P. and Creeper, N.L | CSIRO | Monitoring and Assessment of Acid Sulfate Soil Materials in Currency Creek and Finniss River Region South Australia |
| E Barnett | Sullivan, L.A., Bush, R.T., Ward, N.J., Fyfe, D.M., Johnston, M., Burton, E.D., Cheeseman, P., Bush, M., Maher, C., Cheetham, M., Watling, K.M., Wong, V.N.L., Maher R. and Weber, E | Southern Cross University | Lower Lakes Laboratory Study of Contaminant Mobilisation Under Seawater and Freshwater Inundation |
| E Barnett & A Jolley | Fitzpatrick, R.W., Grealish, G., Chappell, A., Marvanek, S. and Shand, P | CSIRO | Spatial Variability of Subaqueous and Terrestrial Acid Sulfate Soils and Their Properties, for the Lower Lakes |
| E Barnett & A Jolley | Mosley, L., Zammit, B. and Palmer D | EPA | Lower Lakes Region Monitoring Program |
| E Barnett & A Jolley | Thomas, M. and Fitzpatrick, R.W | CSIRO | Community monitoring of Acid Sulfate Soils in the Lower Lakes, South Australia |
| Graham Bell | Dr Josephine Milne and Ms Helen Jolley | National Herbarium of Victoria | <i>Flora of Australia</i> treatment of the moss family Pottiaceae |
| Doug Bickerton | Chris Obst | Environmental and Biodiversity Services (contracted to SA Murray-Darling Basin Natural Resources Management Board) | Response to fire of <i>Acacia pinguifolia</i> |
| Doug Bickerton, Joe Quarmby, Cath Dickson, Katrina Pobke, Dave Taylor, Anthony Pieck | Kym Ottewell, Chris Obst, Joanne Spencer | University of Adelaide; Eyre Peninsula, Adelaide & Mt Lofty Ranges, SA Murray-Darling Basin, Kangaroo Island, Northern & Yorke and South East Natural Resources Management Boards | Population genetics and taxonomic issues regarding selected threatened flora in SA |
| Doug Bickerton, Andrew Lowe | Kym Ottewell | University of Adelaide | Conservation genetic studies of eight threatened flora taxa |
| Doug Bickerton, Joe Quarmby | Renate Faast, Lachlan Farrington, Jose facelli, Stephen Donnellan, Andy Austin | University of Adelaide | Population dynamics and genetic studies of threatened spider-orchids |
| Steve Bourne | Rebecca Wood | University of Melbourne | Bat ecology |
| Steve Bourne | Liz Reed, Gavin Prideaux | Flinders University | Palaeoecology |

Collaborations

| DENR Scientist / Region | Collaborators | Affiliated institutes | Areas of shared interest |
|--------------------------------|---|---|---|
| Rob Brandle | A Smyth | Commonwealth Scientific and Industrial Research Organisation (CSIRO); Dept of Water, Land and Biodiversity Conservation | Waterpoint management for biodiversity conservation |
| Rob Brandle | A Smyth, R Davies | CSIRO Sustainable Ecosystems Alice Springs | Arid zone ecology and land management impacts |
| Rob Brandle | G Cook, T Dawes-Gromadzki | CSIRO Soils and soil invertebrate research, Darwin | Arid zone ecology and land management impacts |
| Simon Bryars | Paul Rogers, Charlie Huveneers, Ian Smith, Nicholas Payne | South Australian Research and Development Institute (SARDI), Flinders University, Zoos SA, University of Adelaide | Acoustic tracking of reef fishes |
| Pam Catcheside | Teresa Lebel | National Herbarium of Victoria | Boletaceous truffles; the ascomycete genus <i>Plicaria</i> in Australia |
| Pam Catcheside | Dr Elaine Davison | Curtin University | Australian desert fungal taxonomy |
| Pam Catcheside | Dr Tom May | National Herbarium of Victoria | Fungimap mapping and documentation of Australian fungi |
| Pam Catcheside | Dr Richard Robinson | Dept of Conservation Manjimup WA | The genus <i>Laccocephalum</i> (stonemakers) in Australia |
| Bob Chinnock | Prof. Hong Deyuan | Institute of Botany, Academy of Sciences, Beijing, China | Myoporaceae treatment for <i>Flora of China</i> |
| Bob Chinnock | Stephen B. Johnson, John R. Hosking and Royce H. Holtkamp | Dept Primary Industries, NSW | Biology of Australian weeds - Hudson Pear |
| Karan Coombe-Smith | | NRM Boards, NSW Office of Environment and Heritage | Dustwatch |
| Karan Coombe-Smith | Libby Mattiske, WA botanical consultant | Mining Industry WA | Threatened Flora of Great Victoria Desert |
| Hugh Cross | Dr. Hope Jahren | University of Hawaii, USA | Plant gene expression in the presence of elevated CO ₂ |
| Hugh Cross & Andrew Lowe | Darren Thomas | Double Helix Tracking Technology, Singapore | Tracking Timber using DNA from Wood |
| Hugh Cross & Andrew Lowe | Dr. Paul Hebert and Dr. Maria Kuzmina, Dr. Darren Crayn, and Dr. Damon Little | International Barcode of Life Project & University of Guelph Canada, Australian Tropical Herbarium & James Cook University Qld, New York Botanical Garden USA | Tree Barcoding of Life Project (TreeBOL) |
| Hugh Cross & Andrew Lowe | Dr. Paul Hebert and Dr. Maria Kuzmina | International Barcode of Life Project & University of Guelph, Canada | Grass Barcoding of Life Project (GrassBOL) |
| Nicki de Preu | Mark Lethbridge, Megan Harper, Nikki Anderson & Lindell Andrews | Flinders University, Zoos SA | Ecology of the Yellow-footed Rock-wallaby in the Flinders and Gawler Ranges |
| Anna Dutkiewicz, Giles Forward | Ken Clarke, Megan Lewis | University of Adelaide | Development of remote sensing technology to monitor soil erosion risk |

Collaborations

| DENR Scientist / Region | Collaborators | Affiliated institutes | Areas of shared interest |
|--|--|--|---|
| Andrew Fisher | Stuart Collard | Rural Solutions SA | Biodiversity benefits of planted woody perennial vegetation |
| Andrew Fisher Jeff Foulkes | Wayne Meyer Ben Sparrow | University of Adelaide NT Dept of Natural Resources, Environment and the Arts and Sport | Landscape futures analysis Vegetation Survey and Mapping of the Eastern and Southern Finke Bioregion and the NT Stony Plains Inliers, NT & SA |
| Jeff Foulkes Jeff Foulkes | Dan Rabosky Barry Brook, Dan Fordham | Cornell University University of Adelaide | Arid reptile community ecology Climate Change Research and Biodiversity |
| Penny Gunner | Dr Anne Sharp | UniSA Ehrenberg-Bass Institute for Marketing Science | Community understanding of biodiversity and related issues |
| Penny Gunner | Dr Anne Sharp & Stine Hoj | UniSA Ehrenberg-Bass Institute for Marketing Science | Climate Change Research - knowledge & behaviour in Australia |
| Fred Gurgel Fred Gurgel | James Norris Karla McDermid | Smithsonian Institution University of Hawaii at Hilo | Marine algal systematics Marine algal systematics |
| Fred Gurgel | John Huisman | Murdoch University and WA State Herbarium | CREEFS project, algae of the Great Barrier Reef, molecular systematics of selected marine algae |
| Fred Gurgel | Drs Sean Connell and Bayden Russell | University of Adelaide | Marine community changes due to climate change (ARC Linkage grant) |
| Fred Gurgel | Dr Sean Connell, Dr Joe Zuccarello, Dr John West, Dr Jonathan Waters, Drs Thomas Wernberg and Mads Thomsen | University of Adelaide, Wellington University NZ, Melbourne University, Otago University NZ, Edith Cowan University WA | ARC-NZ Research Network on Marine Plant Phylogeography along Australia-NZ temperate coasts |
| Fred Gurgel | Dr Paulo Horta | Universidade Federal de Santa Catarina, Brazil | Taxonomy and population genetics of selected of marine algae from Brazil |
| James Hall James Hall James Hall James Hall James Hall | Mike Grundy Jeff Baldock David Davenport Tony Rathjen Peter Wilson | CSIRO, TERN CSIRO Rural Solutions SA University of Adelaide CSIRO, Aust Collaborative Land Evaluation Program | Land and soil data and information Soil carbon Soil carbon Land use suitability and potential Land and soil data and information |
| James Hall | Peter Houston | PIRSA | Priority Primary Production Areas (PP-PAs) |
| James Hall Meredith Henderson Meredith Henderson | Peter Hayman Don Driscoll Mike Clarke, Andrew Bennett et al | SARDI Australian National University Latrobe University, Deakin University, Mallee Catchment Management Authority, Dept of Sustainability and Environment Vic, Parks Victoria, Victorian Museum, Birds Australia | Climate Change Adaptation Ecology of fragments and disturbance & population demography Disturbance ecology & appropriate fire regimes for a range of taxa |

Collaborations

| DENR Scientist / Region | Collaborators | Affiliated institutes | Areas of shared interest |
|--|--|---|---|
| Meredith Henderson | Jim Gould, Miguel Cruz, Juanita Myers, Stuart Matthews | CSIRO | Fire behaviour & fuel dynamics |
| Meredith Henderson | Don Driscoll, David Keith, Mike Bedward, Ross Bradstock | Australian National University, NSW Dept Environment & Climate Change, University of Wollongong | Spatial-dynamic modelling of fire mosaics |
| Trevor Hobbs | Keryn Paul, Jacqui England / Robert Waterworth | CSIRO Sustainable Ecosystems | National Carbon Accounting Toolbox (NCAT) redevelopment, carbon sequestration rates and development of allometric models. |
| Trevor Hobbs | Robert Waterworth | Dept. Climate Change and Energy Efficiency | National Carbon Accounting Scheme (NCAS), models and spatial prediction of carbon sequestration. |
| Trevor Hobbs | Neville Crossman, Brett Bryan | CSIRO Sustainable Ecosystems | Economic and spatial evaluations of woody crops in dryland regions. |
| Trevor Hobbs, Craig Neumann | Bertram Ostendorf, Greg Lyle | University of Adelaide / Future Farm Industries CRC | Spatial variation in annual and woody biomass crops, opportunities for farm diversification. |
| Trevor Hobbs, Craig Neumann | Amy Ho, Noel Richards | PIRSA Forestry | Agroforestry and carbon sequestration. |
| Trevor Hobbs, Craig Neumann | Brenton Lewis, Ann Herraman | Regional Development Australia - Murraylands & Riverland | Agroforestry and carbon sequestration, community engagement in woody crops options. |
| Trevor Hobbs, Craig Neumann | Brendan George | NSW Dept. of Primary Industries | Native woody crop species selections and development. New bioenergy industry development. |
| Trevor Hobbs, Craig Neumann, Merv Tucker | Richard Mazanec, John Bartle | WA Dept. of Environment and Conservation / Future Farm Industries CRC | Native woody crop breeding and development. Oil mallees and woody biomass crops. |
| Trevor Hobbs, Craig Neumann, Merv Tucker | Paul Turnbull | Vic. Dept. of Primary Industries / Future Farm Industries CRC | Native woody crop species selections and development. |
| Trevor Hobbs, Craig Neumann, Merv Tucker | Steve Hughes, Jason Emms, Greg Sweeney | SARDI / Future Farm Industries CRC | Fodder shrub selections, grazing preference studies, plant breeding & development. Monarto Research Site. |
| Randall Johnson | Michael Hammer | Native Fish Australia (SA) | Ecology, conservation and management of native fish populations |
| Manfred Jusaitis | Mimi Pohl | Yookamurra Sanctuary | Translocation trials at Yookamurra |
| Manfred Jusaitis | Mark Adams | South Australian Museum | Population genetics of endangered plants |
| Manfred Jusaitis | Topa Petit | University of South Australia | Threatened orchid mycorrhizal symbionts |
| Jürgen Kellermann | Kevin Thiele & Barbara Rye, | WA Herbarium (Perth), | <i>Flora of Australia</i> and <i>Flora of Tasmania</i> treatments of Rhamnaceae |
| Jürgen Kellermann | Dr Frank Udovicic & Mr Neville Walsh, and Drs Barbara Rye and Kevin Thiele | National Herbarium of Victoria and WA Herbarium | Revision of Rhamnaceae for <i>Flora of Australia</i> , <i>Flora of South Australia</i> , <i>Flora of Tasmania</i> |
| Jürgen Kellermann | Tingshuang Yi, Dylan Burge, Melissa Islam, | Cunming Institute of Botany (China), Duke University (USA), Istituto | World-wide phylogeny and re-analysis of the 'ziziphoid clade' of Rhamnaceae |

Collaborations

| DENR Scientist / Region | Collaborators | Affiliated institutes | Areas of shared interest |
|-------------------------------------|--|---|---|
| | Lone Aagesen, Diego Medan, Frank Udovicic | Darwinion and Universita de Buenos Aires (Argentina), National Herbarium of Victoria | |
| Jürgen Keller-mann | Dr Diego Medan and Ms Silvana Gambino | Universita de Buenos Aires (Argentina) | Flower and fruit morphology of Rhamnaceae, esp. Pomaderreae & Colletieae |
| Peter Lang | Damien Fordham | University of Adelaide | Modelling climate change impacts on vegetation communities |
| Peter Lang Peter Lang | Richard Glatz Mark Stevens | University of Adelaide South Australian Museum | Jewel Beetles (Buprestidae) DNA barcoding of Jewel Beetles (Buprestidae) |
| Sorell Lock Andrew Lowe | Jennie Fluin, John Tibby Dr Maurizio Rosetto and Dr Darren Crayn, and Dr Pete Hollingsworth | University of Adelaide National Herbarium of New South Wales and Royal Botanic Gardens Edinburgh, UK | Palaeoecology (diatoms) Plant biogeography and speciation in the Australasian region |
| Andrew Lowe | Prof. Dave Richardson and Dr John Wilson | Stellenbosch University, South Africa | Weed ecology and evolution – joint Working for Water Programme grant, South African Government |
| Andrew Lowe | Prof Antoine Kremer and Dr Remy Petit, and Dr Giovanni Vendramin | National Agronomic Research Institute, France and National Research Centre, Italy | Temperate and tropical tree population genetics |
| Andrew Lowe | Dr Chris Dick | Michigan University USA | Tree population genetics and phylogeography – joint publications and EU project grants |
| Andrew Lowe | Prof Bernd Degen | German Forestry Research Institute BFI Hamburg Germany | Tree population genetics and phylogeography – joint publications and joint EU project grant |
| Andrew Lowe | Dr Stephen Cavers and Drs Carlos Navarro and Bryan Finegan | Centre for Ecology and Hydrology Edinburgh UK and Central American Tropical Research Centre, Costa Rica | Neotropical tree biogeography, phylogeography and gene flow dynamics |
| Andrew Lowe | Dr David Boshier | Oxford Forestry Institute Oxford University UK | Tree population genetics and phylogeography – joint EU project and joint publications |
| Andrew Lowe | Prof Richard Abbott and Prof Loren Rieseberg | University of St Andrews UK and University of British Columbia, Canada | Weed genetics and speciation |
| Andrew Lowe | Prof. Hugh Possingham and Dr Yvonne Buckley | University of Queensland | Biogeography, dispersal and weed population dynamics |
| Sue Murray-Jones | M. Loo, A. Cheshire | SARDI Aquatic Sciences | Tuna Environmental Monitoring Program |
| Sue Murray-Jones, Peter Fairweather | A Cheshire, K Benkendorff | Flinders University, and SARDI Aquatic Sciences | Reef health (funded by Fisheries Research & Development Corporation) |
| Sue Murray-Jones, Doug Fotheringham | S Seddon, G Collings | SARDI Aquatic Sciences | Seagrass restoration |
| Leanne Pound Joe Quarmby | A/Prof José Facelli Raymond Tremblay | University of Adelaide University of Puerto Rico | Plant ecology, plant interactions Population dynamics of threatened <i>Caladenia</i> species |

Collaborations

| DENR Scientist / Region | Collaborators | Affiliated institutes | Areas of shared interest |
|---------------------------------------|--|--|--|
| Joe Quarmby | Renate Faast & Lachlan Farington | University of Adelaide | Biology/ecology of <i>Caladenia rigida</i> in the Mount Lofty Ranges |
| Joe Quarmby | Kym Ottewell | University of Adelaide | Population genetics of threatened plants in the Mount Lofty Ranges |
| Alec Rolston | David Paton | University of Adelaide | Bird ecology |
| Alec Rolston | Sabine Dittmann | Flinders University | Benthic macroinvertebrate ecology |
| Alec Rolston | Brenton Zampatti, Chris Bice, Qifeng Ye, and Scotte Wedderburn | SARDI & University of Adelaide | Fish ecology |
| Alec Rolston | Jason Nicol | SARDI | Vegetation ecology |
| Alec Rolston | Kane Aldridge | University of Adelaide | Water Quality and Phytoplankton |
| Alec Rolston | Russ Shiel | University of Adelaide | Zooplankton ecology |
| Alec Rolston | Rebecca Lester | Deakin University | Ecosystem modelling |
| Julie Sandercock | Dr Delene Weber, Dr Barb Koth | University of South Australia. Sustainable Environments Research Group | Identifying the factors behind effective relationships between gateway communities and park agency staff |
| Philippa Schmucker | Friends of Great Victoria Desert | | Flora of Great Victoria Desert |
| Russell Seaman | Prof. Fitzpatrick | CSIRO | Carbon and lake sediments/bioremediation |
| Russell Seaman | Wayne Brown | Rural Solutions | Carbon/landscape restoration |
| Russell Seaman | Greg Butler | SANTFA | Carbon markets and soil health |
| Russell Seaman | Prof. Sullivan, L.A., | Southern Cross University | Role of carbon in bioremediation |
| Andy Sharp | Jodie Reseigh | Rural Solutions SA | Grassland ecology |
| Andy Sharp | Topa Petit | University of South Australia | Pygmy Possum ecology |
| Andy Sharp | Sue Carthew, Greg Johnson | University of Adelaide, Royal Zoological Society of SA | Species reintroductions |
| Andy Sharp | Greg Johnson | Royal Zoological Society of SA | Monitoring threatened species |
| Andy Sharp | Mike Bull | Flinders University | Pygmy Bluetongue Lizard ecology |
| South Australian Murray-Darling Basin | Mike Bull | Flinders University | Conservation management of the endangered Pygmy Bluetongue Lizard |
| Susan Sweeney | Peter Hayman | SARDI | Climate Change Adaptation |
| Susan Sweeney | Wayne Meyer, Andrew Lowe | University of Adelaide | Climate Change Adaptation |
| David Symon | Dr K Wilkinson | University of Adelaide | Kangaroo Apple (<i>Solanum</i> sub-genus <i>Archaesolanum</i>) fruit analysis |
| Ben Taylor | David Paton | University of Adelaide | Ruppia translocation |
| J Thiessen & K Goss | Regina Durbridge | GWLAP | Revegetation Program Monitoring |
| Hellmut Toelken | Mr Peter de Lange | Auckland University, NZ | <i>Kunzea</i> phylogeny |
| Murray Townsend | David Walker | University of Adelaide | Heat island impact on Adelaide's coastal processes |
| Renate Velzeboer | Eileen Scott | University of Adelaide | <i>Phytophthora</i> |
| Patricia von Baumgarten | Sean Connell | University of Adelaide | Marine: ecology, monitoring, and impacts of policy and management |

Collaborations

| DENR Scientist / Region | Collaborators | Affiliated institutes | Areas of shared interest |
|---------------------------------------|--|--|--|
| Patricia von Baumgarten | Australian Marine Sciences Association | Australian Marine Sciences Association (AMSA) | Editor of AMSA Bulletin |
| Nigel Willoughby, Annelise Wiebkin | Michael Stead | University of Adelaide | Climate change/ dieback in the SA Murray-Darling Basin mallee |
| Mike Wouters | Dr Kevin Tolhurst | University of Melbourne / Bushfire CRC | Development & Implementation of Phoenix Bushfire Characterisation Model; fire behaviour scenario modelling |
| Mike Wouters | Ruth Beilin, Karen Reid | University of Melbourne / Bushfire CRC | Fuels and risk planning in the interface |
| Mike Wouters (contact) | Dr Brad Aisbett, Prof Drew Dawson, Fabienne Reisen | Deakin University / UniSA / CSIRO / Bushfire CRC | Occupational health and safety and surge capacity |
| Mike Wouters (contact) | Dr Geoff Cary | ANU / Bushfire CRC | Economics and future scenarios |
| Mike Wouters | Mika Peace, Dr Graham Mills | Adelaide University / Bureau of Meteorology / Bushfire CRC | Atmospheric stability & extreme fire behaviour |

Presentations

National & International Conferences

- Agnew D** (2009) A way forward for non-WoNS priority weeds. The Fourth Victorian Weeds Conference, Geelong, Victoria (Oral)
- Agnew DC, Patrick PJ, Arnold BK** (2010) A Framework for the Management of Feral Goats in Semi-arid South Australia. Australian Rangelands Society 16th Biennial Conference, Bourke, NSW (Oral)
- Ainsley PJ, Jones MK, Erickson TE** (2005) Germination of *Prostanthera eurybioides*, a nationally endangered plant species endemic to South Australia. 8th International Workshop on Seeds, Brisbane, Queensland, 8-13th May (Oral, invited)
- Barker RM** (2007) The global dispersal of early Australian herbarium specimens. ASBS conference, Darwin (Oral)
- Barker RM** (2004) James Drummond's plant collections today – a global dispersal. Drummond Symposium, Toodyay, W.A. (Oral, invited)
- Barker WR** (2007) Australia's three broomrape species (*Orobanche*, Orobanchaceae): contrasts in distribution, host range and threat. 25th September 2007. Australian Systematic Botany Society Annual Symposium, Darwin. (Oral)
- Barker WR** (2006) Seeking additional morphological synapomorphies in Scrophulariaceae in the broadest sense. 14th November 2006. Australian Systematic Botany Society, joint Conference. James Cook University, Cairns. (Oral)
- Barnett E** (2010) Goolwa Channel Water Level Management Project. KNYA Independent Review Panel GCWLMP (Oral)
- Bickerton DC** (2006) Using herbicide to control Century Plant (*Agave Americana* L.): implications for management. Proceedings of the 15th Australian Weeds Conference pp 219-222. Weed Management Society of South Australia. (Oral)
- Bignell S** and Rodrigue M (2010) Back to the future for Australia's Marine Protected Areas. National Coast to Coast Conference September 2010. Adelaide Convention Centre (workshop convenor) (oral)
- Bignell S, Joyce G, Graziano F, Loisier A, Hems P & McDonald B** (2008) Innovative electronic engagement for the development of marine parks zoning in SA: target 19 new marine parks by 2010. National Coast to Coast Conference, August 2008, Darwin (Poster)
- Bignell S, McDonald B, Fairweather P, Wright A & Morcom R** (2009) Connecting Marine Science: South Australian Marine Park Design Principles. Technical report on the Outer Boundaries. Australian Marine Sciences Association (AMSA) 2009, International Conference "Marine Connectivity", Adelaide Convention Centre (Oral)
- Brandle R** (2004) *Dasyercus byrnei* Threatened Species Conference, Dryandra, May (Oral, invited)
- Brandle R, Canty P & Pillman S** (2004) A population study of *Dasyercus byrnei* (MARSUPIALIA: Dasyuridae) at two locations in north-east South Australia. Australian Mammal Society Conference Tanunda, 5th-8th July. (Oral)
- Brenton Zampatti, Paul Jennings, Chris Bice and Jason Higham** (2010) Science underpins a novel and cooperative approach to catadromous fish conservation in the Murray-Darling Basin. The Australian Society For Limnology annual Conference, Thredbo, 29 November-3 December 2010 (Oral)
- Bryars S** (2006) Outcomes of Environmental Audit of Aquaculture Project. Special session, Australasian Aquaculture Conference, August 30, Adelaide. (Oral)
- Bryars S, Collings G, Nayar S, Miller D, O'Loughlin E, Westphalen G & Fernandes M** (2005) Could elevated nutrients have caused the loss of Adelaide's coastal seagrasses? Coasts and Ports Conference, September 23, Adelaide. (Oral)
- Bryars S, Theil M & Rowling K** (2005) Impacts of land-based abalone aquaculture discharges on adjacent marine communities. Australian Marine Sciences Association conference, July 11-13, Darwin. (Oral)
- Bryars S, Miller D & Collings G** (2004) Spatial patterns in seagrass habitat structure and associated epiphyte communities. Australasian Society for Phycology and Aquatic Plant Biology, 19th Conference, 5-8 December, Adelaide. (Oral)

Presentations

- Cale PG** (2005) Bringing It All Together: A Landscape State and transition Model. Vegetation Management and Landscape Design in Australia: From Principles to Practice. Land and Water Australia Workshop, Bowral, NSW, 13-17th March. (Oral, invited)
- Cameron J**, Childs S & Pittard-Robb L (2004) "Illegal clearers busted from a great height": The use of remote sensing and GIS to manage South Australia's native vegetation. 12th Australasian Remote Sensing & Photogrammetry Conference, Fremantle. (Oral)
- Cameron J & Hart D** (2006) Drawing a line in the sand: Extrapolating the future from the past for the management of coastal developments. 13th Australasian Remote Sensing & Photogrammetry Conference, Canberra (Poster)
- Cameron J & Hart D** (2005) Rapid response imagery over the Eyre Peninsula bushfire in January 2005: Fast, simple, digital and geocoded. Spatial Sciences Conference 2005, Canberra (poster)
- Cameron J & Tunn Y** (2008) Mapping *Pinus Radiata* in native sclerophyll forest in South-Eastern Australia for feral pine management 14th Australasian Remote Sensing & Photogrammetry Conference, Darwin. (Oral)
- Catcheside PS** (2007) The genus *Cribbea* in Australia, New Zealand Fungal Colloquium, Masterton, NZ, 7-12 May. (Oral)
- Catcheside PS** (2006) The genus *Cribbea* in Australia, ASBS Conference, Cairns, Qld, 12-16 November. (Oral, invited)
- Chinnock RJ** (2007) Feral Cactaceae in South Australia. New Zealand cactus & Succulent Society 2007 Convention, Nelson February 17-18. (Oral, invited)
- Chinnock RJ** (2007) Growing Aizoaceae and Cactaceae from seed. New Zealand cactus & Succulent Society 2007 Convention, Nelson February 17-18. (Oral, invited)
- Coombe-Smith K.** (2010) Reporting for Remote Arid Planning Duty. NRM theme, Healthy Cities Conference, Brisbane (Oral)
- Coombe-Smith K.** (2011) Threatened Flora in the Alinytjara Wilurara NRM Region Australian Network for Plant Conservation conference, Perth (Oral)
- Cox S, Emmett J, Wright A, Paxinos R, Bignell S, Colella D & Morcom R** (2009) South Australia's marine protected areas and landward boundaries - lessons learnt Australian Marine Sciences Association (AMSA) 2009 International Conference "Marine Connectivity", Adelaide Convention Centre (Oral)
- Dodd L** (2010) Women's Land Management projects using traditional and contemporary knowledge for land and biodiversity outcomes National Indigenous Lands and Sea Management Conference, Broken Hill (Poster)
- Duffy A**, Whisson D & Moss G (2004) Management of an Introduced and Overabundant Koala Population on Kangaroo Island. Australasian Wildlife Management Society Conference, Kangaroo Island. (Oral)
- Whisson D, **Duffy A** and Moss G (2004) An Economic Assessment of Koala Impacts and Management Strategies on Kangaroo Island, South Australia. Presented at the Australian Mammal Society Conference, Kangaroo Island. (Oral)
- Dutkiewicz A** (2010) Policy drivers for Large Area Land Cover Monitoring in SA 15th Australasian Remote Sensing and Photogrammetry Conference, Alice Springs (oral)
- Dutkiewicz A & Forward G** (2009) Development of a satellite image-based land condition monitoring system for South Australian agricultural regions Australian Collaborative Landuse Mapping Program (ACLUMP) (oral)
- Fisher A**, Collard S, Glatz R, McKenna D & Wood G (2009) Can commercial woody shrubs contribute to biodiversity conservation and agricultural sustainability? 10th International Congress of Ecology, Brisbane (oral)
- Fisher A** (2008) Managing the matrix: how important is it, really? Veg Futures 08, Toowoomba (oral, invited)
- Sparrow B D and **Foulkes JN** (2004) Utilising field survey data to classify Landsat imagery for vegetation mapping in arid South Australia. Rangeland Society 13th Biennial Conference, Alice Springs, 5-8 July 2004. (Poster)
- Foulkes JN** (2009) Stratifying landscapes and monitoring vegetation change in rangelands across Australia. The TERN Rangelands Reference Site Network. Natural Resources Management Research Alliance - NRM Science Forum, Pt Augusta (Oral)
- Foulkes JN** (2009) A method to stratify landscapes and monitor vegetation change in rangelands across Australia: implementing the TERN Rangelands programme. Biennial International Conference of the Surveying and Spatial Sciences Institute (SSSI) (Oral)

Presentations

- Gatti S** (2010) Critical factors for the success of stormwater harvesting projects in the Greater Adelaide region. National Conference of the Stormwater Industry Association, Sydney (oral)
- Gatti S** (2005) Incentives for conservation works in the Mount Lofty Ranges, South Australia. Proc. National Conservation Incentives Forum, Adelaide (oral)
- Gillam S** (2007) Malleefowl Conservation in SA: achievements from 2004 to 2007. 3rd National Malleefowl Forum and International Megapode Symposium, Katanning WA, September. (Oral, invited)
- Gurgel CFD** (2007) Applied Phylogeography: Tracing NIMS & Discovering Cryptic Species". Mini-Symposium on Phylogeography, XIXth International Seaweed Symposium, Kobe, Japan, 26-31 March. (Oral, invited)
- Gurgel CFD, Terada R, Abbott IA, Fredericq S & Norris JN** (2005) "Towards a Global Phylogeography of *Gracilaria salicornia* (Gracilariaceae, Rhodophyta), an invasive species in Hawaii, based on chloroplast and mitochondrial markers". 60th Phycological Society of America Meeting, Juneau, Alaska, 06-12 July. (Oral)
- Gurgel CFD, Fredericq S & Yoneshigue-Valentin Y** (2005) Two New Species of Flat *Gracilaria* (Gracilariales, Rhodophyta) from Brazil: *G. abyssalis* and *G. brasiliensis*. 27th USA Southeast Phycological Colloquy, Harbor Branch Oceanographic Institution, Fort Pierce, FL, 4-6 Nov. (Poster)
- Gurgel CFD** (2005) Molecular Systematics in Red Algae: from Family to Populations, Phylogeny to Phylogeography." Smithsonian Marine Station at Fort Pierce, Florida, USA. (Oral, invited)
- Gurgel CFD** (2004) Studies on Red Algae: Basic and Applied Systematics. Hawai'i Pacific University, College of Natural Sciences, Hawai'i. (Oral, invited)
- Haby NA, Conran J & Carthew S** (2004) Microhabitat use by southern brown bandicoots in Cox Scrub Conservation park, South Australia. Australian Mammal Society, Tanunda. (Oral)
- Hall J** (2010) Summary of 4th Global Workshop on Digital Soil Mapping - Rome 2010. Digital Soil Mapping Forum, Canberra (oral, invited)
- Hall J** (2010) Landscape modelling in SA. National Committee on Soil & Terrain (NCST), Adelaide (oral, invited)
- Hall J** (2008) Identification of biodiversity assets and the potential for degradation by watertable-induced salinity. 2nd International Salinity Forum, Adelaide Convention Centre (oral)
- Hall J** (2008) SA: land and soil data; research and development; education and training. National Soil Workshop, Canberra (oral)
- Hall J, Henschke C, Dooley, T, Walker G** (2008) Adding detail to the National Groundwater Flow Systems Framework - KI as a regional case study. 2nd International Salinity Forum, Adelaide Convention Centre (oral)
- Hall J, Maschmedt D** (2008) Land and soil spatial data: Its role in hydrological modelling, water resource management and wetlands mapping. Water Down Under 2008, Adelaide Convention Centre (oral)
- Hall J, Maschmedt D, Billing B** (2007) Land resource assessment in SA. Presentation to Shandong Academy of Sciences, Waite Campus, Adelaide (oral, invited)
- Hall J, Maschmedt D** (2007) Enhanced resource assessment in SA. National Enhanced Resource Assessment Workshop, Maleny, Queensland (oral, invited)
- Hall J, Maschmedt D, Billing B** (2004) Salinity mapping, salinity risk modelling, and land use implications. Salinity Solutions: Working with Science and Society, Bendigo (oral)
- Hall, A** (2010) Rescue, Recovery and Restoration. A native fish tale. Murray-Darling Basin Authority, Native Fish Strategy Forum 2010. (Oral, invited)
- Hall, A** (2009) Status of Murray hardyhead in SA and DENR's DAP program. Recovery Team meeting, Vic (oral, invited)
- Hall, A** (2009) Drought Action Plan for freshwater native fish in SA. Murray-Darling Basin Authority, Native Fish Strategy Forum 2009. (oral, invited)
- Hall, A.** (2010) Managing the impacts of drought on South Australia's freshwater fish. International River Symposium, Perth (poster)
- Hall, A.** (2010) Global Freshwater Fish Conservation: Linking Insitu and Exsitu Actions. International Zoo and Aquarium Symposium & 7th Annual Meeting of the International Union for the Conservation of Nature & Species Survival Commission, UK (oral, invited)
- Hart D** (2009) Imagery Baseline Data for South Australian Natural Resource Management Planning, Monitoring and Evaluation: Its uses for Natural Resources Management. Spatial Sciences Conference 2009, Adelaide (Oral)

Presentations

- Hart D**, Lewis M and Ostendorf B (2008) Stripping away sky reflectance, waves and turbulence for benthic mapping: Imaging the seafloor not the surface. 14th Australasian Remote Sensing and Photogrammetry Conference, Darwin. (Oral)
- Hart D**, Lewis M, Dare P and Ostendorf B (2006) Seeing seagrasses sideways: marine angiosperms and the Stokes' polarisation parameters. 13th Australasian Remote Sensing and Photogrammetry Conference, Canberra. (Oral)
- Hart D** (2004) Managing the South Australian Government digital aerial photography archive: akin to wrestling with elephants. 12th Australasian Remote Sensing and Photogrammetry Conference, Fremantle. (Oral)
- Hart D, Tunn Y & Cameron J** (2008) Improved seagrass mapping using large-format digital aerial photography: Seeing deeper than before. 14th Australasian Remote Sensing and Photogrammetry Conference, Darwin. (Oral)
- Myers J, Gould J, Cruz M, **Henderson M** & Matthews S (2007) Fire behaviour and fuel dynamics in mallee - heath vegetation in Ngarkat CP, South Australia. 2nd Fire Behavior & Fuels Conference, Destin, Florida, March. (Oral)
- Morris R, Dragovich D, **Henderson M**, Moncrieff J & Ostendorf B (2007) 3D Laser Scanning Of Sediment Movement Following Bushfire At Mount Bold Reservoir. The Joint Australasian Fire Authorities Council/ Bushfire CRC Conference, Hobart, 20-21st September. (Poster, invited)
- Myers J, Gould J, Cruz M, **Henderson M** & **Stephens B** (2006) Project FuSE South Australia: fire behaviour and fuel dynamics in mallee - heath vegetation. Bushfire CRC Conference, 4-7 July. (Oral, invited)
- Henderson MK** & Driscoll DA (2007) Plant Dynamics Following Fire in Mallee Reserves of Central Eyre Peninsula, South Australia. Ecological Society of Australia Conference, Perth, 26-30 November. (Poster)
- Henderson MK** & Wouters M (2007) Prescribed burning in South Australia. Prescribed Burning Symposium, Ecological Society of Australia Conference, Perth, 26-30 November. (Oral, invited)
- Henderson MK** (2005) Fire as a tool for plant conservation. Australian Native Plant Conservation Conference, Adelaide, September. (Oral, invited)
- Henderson MK** (2005) Are feral fires resulting in different plant assemblages: Central Eyre Peninsula mallee reserves case study. Ecological Society of Australia Conference, Brisbane, 29th Nov - 2nd Dec. (Poster)
- Henderson MK, Besednjak T, Morgan C & Cameron JH** (2008) Mapping fire severity on Western Kangaroo Island: the December 2007 bushfire. 2008 Australasian Fire Authorities Council / Bushfire CRC conference, Adelaide, 1-4 September (Poster)
- Higham, Jason**, Muller, Kerri M, **Lester, Rebecca E, Fairweather, Peter G**, and Heneker, Theresa M. (2010) How much environmental water is enough for the Lower River Murray wetlands? Part 1 13th International River Symposium, Perth, WA, 11-14 October 2010 (Oral)
- Polglase P, Paul K, Hawkins C, Siggins A, Turner J, Booth T, Crawford D, Jovanovic T, **Hobbs T**, Opie K, Almeida A, Carter J (2008) Prospecting for commercial and environmental opportunities for agroforestry in Australia. Australian Forest Growers Conference. Albury, 20-22 October 2008. pp. 122-128. (oral, invited)
- George B, Bennell M, **Hobbs T** (2005) Short-cycle woody crops for bioenergy production in low-rainfall areas. International Energy Agency Bioenergy International Workshop - Multiple Benefits from Sustainable Bioenergy Systems. July 31 - August 5, 2005. Perth, WA. (oral, invited)
- Bartle J, Bennell MR, **Hobbs TJ**, Huxtable D (2008) New woody crops and industries for the wheatbelt of southern Australia. 2nd International Salinity Forum: Salinity, Water and Society – Global issues, local action. Adelaide Convention Centre, Australia, 31 March – 3 April 2008. 4pp. (oral, invited)
- Hobbs TJ**, Bartle J, Bennell MR, Huxtable D (2008) Woody Crops! What, Where and How Much?: Spatial and Economic Analysis of Potential in Lower Rainfall Regions of Southern Australia. 2nd International Salinity Forum: Salinity, Water and Society – Global issues, local action. Adelaide Convention Centre, Australia, 31 March – 3 April 2008. 4pp. (oral, invited)
- Ward J, Bryan B, Gale G, **Hobbs TJ** (2006) Market-Based Instrument approaches to implementing priority revegetation in the South Australian Murray-Darling Basin. Australian Agricultural and Resource Economics Society 50th Annual Conference, 8-10 February 2006, Sydney NSW. 32pp. (oral, invited)
- Hobbs TJ**, Crossman N, Ostendorf B, Bryan B, Lyle G, **Neumann C** (2009) Opportunities for carbon sequestration from revegetation in South Australia. Place and Purpose Symposium, Surveying & Spatial Sciences Institute Biennial International Conference, 28 September – 2 October 2009, Adelaide Convention Centre, Adelaide, Australia. 18pp (oral, invited)
- Jennings S** (2006) Feral Horse Management in South Australia. National Feral Horse Management Workshop, Canberra, 3-4 August. (Oral, invited)

- Jennings S, Farroway L** (2005) Adaptive management of kangaroos on reserves in South Australia. Proceedings of the 13th Australasian Vertebrate Pest Conference, 290-291. (Poster)
- Jusaitis M, Pieck A, Clarke A & Adams M** (2008) Towards understanding and conserving Spiny Daisy (*Acanthocladium dockeri*) in South Australia. Australia Network for Plant Conservation (ANPC) 7th National Conference, Mulgoa, 21-24 April, 2008. (Oral, invited)
- Jusaitis M** (2005) Implementation, ongoing management, monitoring and evaluation of translocations. Australian Network for Plant Conservation (ANPC) Translocation Workshop, 6th ANPC Conference, Adelaide 26 Sep – 1 Oct, 2005. (Oral, invited)
- Jusaitis M** (2005) Translocation of threatened plant species in South Australia. ANPC Translocation Workshop, 6th ANPC Conference, Adelaide 26 Sep – 1 Oct, 2005. (Oral, invited)
- Kellermann J** (2006) Rhamnaceae revisited: towards the Flora of Australia treatment of the family. Annual conference of the Australian Systematic Botany Society: Plant diversity in the Tropics, Cairns, 13-15th Nov. (Oral)
- Kellermann J, Udovicic F & Ladiges PY** (2004) Stellate-haired Rhamnaceae: a molecular phylogeny of the tribe Pomaderreae. 7th Annual Meeting of the Gesellschaft für biologische Systematik (GfbS), Stuttgart, Germany, 14-17th Sep. (Oral)
- Kutsche F** (2004) Field Guide to the Plants of Outback South Australia. Arid Lands Conference, Rangelands Society, Alice Springs (Poster)
- Lester R** (2010) Managing waru (fire), traditional and contemporary burning of country for ecological and cultural outcomes. Ecological Society of Australia Annual Conference, Canberra (Oral)
- Lester, Rebecca E, Fairweather, Peter G, Heneker, Theresa M, Higham, Jason S and Muller, Kerri L.** (2010) How much environmental water is enough for the Lower River Murray wetlands? Part II. 13th International River Symposium, Perth, WA, 11-14 October 2010 (Oral)
- Loisier A, Bignell S, Joyce G, Graziano F, Hems P & McDonald B** (2009) South Australia's Marine Parks Information Tool. Australian Marine Sciences Association (AMSA) 2009, International Conference "Marine Connectivity", Adelaide Convention Centre (Poster)
- Long KI, Stubbs W, Griffiths J & Trengove K** (2008) Naïve and outfoxed? The Response of Southern Brown Bandicoots to a Prescribed Burn. Australasian Wildlife Management Society Conference, Fremantle (Oral)
- Ottewell K, Lowe A, Bickerton D and Ainsley P** (2009) The genetic consequences of rarity: Case studies of South Australian endangered plant species and their common congeners. 10th International Congress of Ecology, Brisbane, August 2009. (Poster)
- Lowe AJ** (2008) TREE-BoL an Australian perspective. Workshop to establish the TREE-BoL International Network New York (Oral, invited)
- Lowe AJ** (2008) A showcase of National Initiatives and Products. Integrated Landscape Science and Management Forum. University of Adelaide (Oral)
- Lowe AJ** (2007) Can hybridization cause local extinction? The case for demographic swamping of an Australian native by an exotic invasive. 9th International Conference on the Ecology and Management of Alien Plant Invasions (EMAPi) Perth (Oral)
- Lowe AJ** (2007) Molecular Genetic Applications and Barcoding. National Taxonomy Forum 2007 Australian Museum Sydney (Oral, invited)
- Lowe AJ** (2007) Total genome scans- Hybridisation and reproductive isolation for non-model organisms. Workshop on Nuclear Multi-Locus Species Boundaries University of Adelaide (Oral, invited)
- Lowe AJ** (2007) Tracking the geographic origin of timber using DNA; temperate and tropical case studies. Meeting of Australian Environmental Law Enforcement and Regulators Network (AELERT) Adelaide (Oral, invited)
- Lowe AJ** (2007) Tracking the geographic origin of timber using DNA; temperate and tropical case studies. Workshop on Fingerprinting methods for identification of timber origins Bonn Germany (Oral, invited)
- Lowe AJ** (2007) Biodiversity impacts of climate change. Hills Environmental and Sustainability Expo Adelaide (Oral, invited)
- Lowe AJ** (2006) The Macadamia southern clade: Species delimitations hybridization and conservation. Australian Systematic Botany Society Cairns (Oral)
- Lowe AJ** (2006) Mixing with the natives: The evolutionary potential of hybridization between invasive and indigenous plant species. Strangers in Paradise – Symposium on invasive evolution and ecology Canberra (Oral, invited)
- Lowe AJ** (2006) Landscape genetic methodologies and advances. Workshop on Genetic Provenancing Kings Park Botanic Park Perth (Oral, invited)

- Lowe AJ** (2006) Assessing the ecological and genomic constraints of hybrid speciation. International Plant Molecular Biology Symposium Adelaide (Oral, invited)
- Lowe AJ** (2005) Advances in genetic resource knowledge of mahogany *Swietenia macrohylla* Meliaceae Special Forum. 22nd International Union of Forest Research Organizations (IUFRO) Brisbane, Australia, 8-13th August. (Oral, invited)
- Lowe AJ** (2005) The brief history of a neospecies: Combining morphology genetics and ecology to document speciation. Australian Systematic Botany Society Brisbane Botanic Gardens (Oral)
- McDonald B, Wright A, Bloomfield A & Frankiewicz D** (2005) Integrating biophysical and social information spatially: A mechanism for pragmatic Marine Protected Area Design International Marine Protected Areas Conference (Poster)
- McKenna DJ, Wouters M** and Morgan C (2010) How do we manage fire and biodiversity in South Australia? Guidelines for a burning Question. Ecological Society of Australia annual conference, 6 - 10 Dec 2010, Canberra ACT (Poster)
- Doble R, Stenson M, Connor J, Jolly I, **Miles M** and Walker G (2005) Future landscape scenarios in the lower River Murray Corridor and their implications for river salinity and floodplain health. IAH Congress, Auckland, November, 2005. 12pp. (Oral)
- Miles MW** and J Kirk (2005) Applications of the Salinity IMPact Rapid Assessment Tool (SIMRAT) Model for Salinity Management in the Lower Murray-Darling. MODSIM05 International Congress on Modelling and Simulation, Melbourne Dec 12-15. (Oral)
- Kendall MB, Newman RJ & **Miles MW** (2004) Assessing the impacts of Water Trade – Murray-Darling Basin Commission Salinity Impact Rapid Assessment Tool. 1st National Salinity Engineering Conference 9–12 November 2004 Perth, Western Australia. (Oral)
- Molsher R** & Fisher E (2006) Responses to lessons learnt managing Ramsar wetlands on private land in Australia: NSW Ramsar Managers Network. International Catchments to Coast conference, Cairns, July 2006. (Oral, invited)
- Mooney PA & Pedler LP** (2004) South Australian Glossy Black-Cockatoo – a long term survivor? 17th AWMS conference, Kingscote, 29th November – 2nd December. (Oral)
- Morcom R, Fairweather P, McDonald B, Wright A & Gaetjens A** (2009) Surrogacy and Marine Park Design Australian Marine Sciences Association (AMSA) 2009, International Conference "Marine Connectivity", Adelaide Convention Centre (Oral)
- Morcom RJ, Fairweather P, McDonald B.** (2010) Rapid detection of changes in sandy beach geomorphology and implications for MPA management Coast to Coast (oral)
- Murray-Jones S** (2007) Monitoring: Science, Myth or Innovation Opportunity . Keynote address, FR3cE/ Bioknowledge Postgraduate Research Conference, Flinders University (Oral)
- Neumann C, Hobbs T**, Bennell M, Huxtable D, Bartle J, George B, Grundy I (2007) FloraSearch – Developing broadscale commercial revegetation industries in low rainfall regions of southern Australia. Veg Futures 06: The conference in the field. March 19-23, 2006, Albury NSW. 11pp. (oral, invited)
- Neumann CR, Hobbs TJ** (2010) Carbon sequestration and measurement for agro-forestry and the carbon market in low rainfall regions Murray and Mallee Carbon Forum. Regional Development Australia – Murraylands and Riverland, Town Hall, Rural City of Murray Bridge, 19th August 2010. 22pp. (oral, invited)
- Neumann CR, Hobbs TJ, McKenna DJ**, George B, Huxtable D, Bennell MR, Kemp O (2008) Evaluating the Performance of Low Rainfall Woody Crop Species. 2nd International Salinity Forum: Salinity, Water and Society – Global issues, local action. 2nd International Salinity Forum: Salinity, Water and Society – Global issues, local action. Adelaide Convention Centre, Australia, 31 March – 3 April 2008. 4pp. (oral, invited)
- Moseby KE, **Owens H, Brandle R**, Bice JK & **Gates J** (2004) Long term monitoring of two arid zone populations of the Dusky Hopping-mouse *Notomys fuscus*. Australian Mammal Society Conference, Tanunda, July. (Oral)
- Pestell AJL** and Petit S (2006) Patterns and methods of capture for the western pygmy possum at Innes National Park 52nd Australian Mammal Society Inc. Scientific Meeting, 2-5 July, Melbourne (Oral, invited)
- Pestell AJL**, Cooper SJB, Saint K & Petit S (2006) Genetic structure of the western pygmy possum, *Cercartetus concinnus* Gould (Marsupialia: Burramyidae) of southern Australia 19th Scientific Meeting and AGM of the Australasian Wildlife Management Society, 1-4 December, Auckland, New Zealand (Oral, invited)
- Pestell AJL** and Petit S (2005) The diet of the western pygmy possum, *Cercartetus concinnus*, at Innes National Park, South Australia. 18th Scientific Meeting and AGM of the Australasian Wildlife Management Society, 21-24 Nov 2006, Hobart (Oral, invited)

- Pieck A, Clarke A, Sharp A & Jusaitis M** (2008) Back from the brink of extinction: Translocation of the Spiny Daisy (*Acanthocladium dockeri*). Australia Network for Plant Conservation (ANPC) 7th National Conference, Mulgoa, 21-24 April, 2008. (Poster, invited)
- Pobke KS & Ide A** (2008) Draft Recovery Plan for 23 Plant Taxa on Eyre Peninsula, South Australia 2007-2012. Australian Network for Plant Conservation Conference Mulgoa 21-24th April 2008. (Poster)
- Pobke KS & Ide A** (2005) Recovery Plan in hand: Threatened Flora Recovery West Coast Style. Australian Network for Plant Conservation Conference, Adelaide, 26th Sept – 2nd Oct 2005. (Poster, invited)
- Quarmby J** and Jury T (2008) Restoration of habitat for *Pterostylis cucullata* Australian Network for Plant Conservation Conference (Oral, invited)
- Rogers DJ** (2010) Where should we start? Identifying priorities for conservation in the agricultural landscapes of South Australia Ecological Society of Australia 2010 Annual Conference (Oral, invited)
- Rogers DJ, Stokes Z, West A, Wallace R & Young E** (2009) Planning for ecological restoration in South Australia: Can we do things better? Society for Ecological Restoration International Conference (Oral)
- Rogers DJ, Stokes Z, West A, Wallace R & Young E** (2009) Planning for ecological restoration in South Australia: Can we do things better? Place & Purpose Symposium (Oral, invited)
- Dittmann, S., Goldschmidt, M., Benger, S., **Rolston, A.** (2011) *Ficopomatus enigmaticus* (Polychaeta, Serpulidae) in the Coorong, Lower Lakes and Murray Mouth, South Australia: distribution and ecological relevance South Africa (poster)
- Dittmann, S., **Rolston, A.**, Roberts, S., Bartley, K. & Frears, A. (2011) Understanding the health status of the Murray River estuary: information from macroinvertebrate studies Australian Marine Sciences Association (AMSA), Perth (oral)
- Schofield J, Sharp A** (2006) Monitoring of pygmy bluetongue lizards in the mid north of South Australia. Australian Society of Herpetologists Annual Conference. Healesville Sanctuary. Victoria. (Poster)
- Schultz MA** (2007) Distribution and Detectability of The Golden Bell frog on the South Australian River Murray Floodplain. Murray Mallee Partnership Forum, Wentworth, August 2007 (Oral, invited)
- Schultz MA** (2005) An Assessment of the Factors Leading to the Decline of the Regent Parrot *Polytelis antheoplus monarchoides* in South Australia. Birds Australia Scientific Congress 2005, Bendigo. (Poster)
- Seaman, R** (2010) Management options to manage acidifications Acid Sulfate Soil Scientific Reference Group for the MDBA (Oral, invited)
- Seaman, R** (2010) Management options to manage Drought impacts Acid Sulfate Scientific Advisory Panel (Oral, invited)
- Seaman, R** (2010) Landscape restoration methods in the CLLMM National Landcare Conference (Oral, invited)
- Seaman, R** (2010) Bioremediation and acid sulfate soil management in the CLLMM National Acid Sulfate Soil Committee (Oral, invited)
- Seaman, R** (2009) Impacts of Drought on the Lower Murray Murray–Darling Basin High Level Steering Committee (Oral, invited)
- Seaman, R** (2009) Management techniques in response to ecosystem collapse: Coorong, Lower Lakes and Murray Mouth. International River Symposium, Perth (Oral, invited)
- Seaman, R** (2008) Managing Acid Sulfate Soils in the Coorong and Lower Lakes RAMSAR Conference of Contracting Parties, South Korea (Oral, invited)
- Seaman, R** (2008) Acidification Thresholds for the Lower Murray Murray–Darling Basin High Level Steering Committee (Oral, invited)
- Seaman, R** (2007-2010) Management options and updates High Level Steering Committee MDBA and Australian Government (Oral, invited)
- Bignall J, **Sharp A, Van Weenen J, Copley P** (2004) The reintroduction of the mainland SA tamar wallaby (*Macropus eugenii eugenii*) to Innes National Park, SA. Australian Mammal Society Conference. Tanunda, South Australia. (Oral)
- Sharp A.** (2010) Water use by Yellow-footed Rock-wallabies in semi-arid Queensland The 56th Australian mammal Society Conference. Canberra. ACT
- Sharp A.** (2010) Foraging behaviour of Yellow-footed Rock-wallabies The 56th Australian mammal Society Conference. Canberra. ACT
- Sharp A., Norton M., Marks A.** (2010) An evaluation of faecal pellet counts to index rock-wallaby population size The 56th Australian mammal Society Conference. Canberra. ACT

- Sharp A., Copley P.,** Bignall J., Carthew S., Taggart D., **Van Weenan J.,** Johnson G., Smith I., Swales J. and Kemp L (2010) Survival of reintroduced South Australian Mainland Tammar Wallabies The 56th Australian mammal Society Conference. Canberra. ACT
- Sweeney S** (2010) Using science to articulate an uncertain future for strategic climate change decision-making 2010 International Climate Change Adaptation Conference, Cairns, June 29-July 1 2010 (oral)
- Sweeney S** (2010) A Regional Climate Change Decision framework for natural resource management NCCARF Regional Climate Change Adaptation Workshop (Oral, invited)
- Sweeney S** (2009) A regional climate change decision framework for natural resource management Greenhouse 2009, Perth, 23-26 March 2009 (oral)
- Treilibs C** (2005) Recovery of the Bush Stone-curlew, *Burhinus grallarius*, in the Murray-Darling Basin, South Australia. Birds Australia Scientific Congress, La Trobe University, Bendigo, Australia, 1 – 2 October. (Poster)
- Van Weenan J** (2009) Conservation on South Australia's Offshore Islands Island Arks Symposium, Queensland (Oral, invited)
- Velzeboer R** (2006) Management of *Phytophthora cinnamomi* in native vegetation in South Australia. 8th International Mycological Congress, Australasian Mycological Society, Cairns, Australia, 21-25th August. (Poster, invited)
- Velzeboer R** (2004) Management of *Phytophthora cinnamomi* of tracks and trails. 3rd Australian Tracks and Trails Conference, Trails SA, Hahndorf, South Australia, 18-21st October. (Oral, invited)
- McKay SF, Kueh KH, Able AJ, **Velzeboer RMA,** Facelli JM and Scott ES (2009) Impact of *Phytophthora cinnamomi* on native vegetation in South Australia Australasian Plant Pathology Society, Newcastle, NSW, 29 Sep - 1 Oct 2009 (poster)
- von Baumgarten P** and Connell S (2009) Connecting science and public policy: what about politics? A view from the kelp forests 46th Annual Conference - Australian Marine Sciences Association (Oral)
- von Baumgarten P** (2008) Symposium convenor: Ecosystem-based Management Coast to Coast 2008 Conference - Australia's Biennial national Coastal and Marine Conference (Oral, invited)
- Ward MJ** (2006) Local movement patterns of the mistletoebird, *Dicaeum hirundinaceum*: implications for mistletoe seed shadow. Fourth International Symposium on Frugivores and Seed Dispersal: Theory and its application in a changing world, Griffith University, Brisbane, 9 – 16 July. (Oral)
- Ward MJ** (2005) Predicting mistletoe seed shadow and seed rain. Australasian Ornithological Conference, Blenheim, New Zealand. 7-10 December (Oral, invited)
- Willoughby N** (2009) Prioritising restoration in the northern Murray Mallee: Applying a landscape assessment framework 19th Conference of the Society for Ecological Restoration International. Perth, Western Australia, Australia (Oral)
- Willson A** (2006) Conserving rural watersheds and enhancing community development in Yunnan Province, southwest China. Linking Watersheds Workshop – Canadian Water Network. Fredericton, New Brunswick, Canada. February 28–March 1. (Oral, invited)
- Willson A** (2005) Forest conversion and land use changes in farmlands of Northwest Yunnan, China: the challenges of measuring forest quality with remote sensing. Land Use History in Montane Mainland South-east Asia - Mobile Workshop January 15-27 China, Laos & Thailand. (Oral/ Poster)
- Willson A** (2005) Agroforestry in Yunnan Province, Southwest China – Challenges & Opportunities. International Consultation Workshop – Smallholder Agroforestry Options for Degraded Soils, Batu, East Java, Indonesia. (Oral)
- Wouters M** (2008) A Code of Practice for the Management of Native Vegetation to Reduce the Impact of Bushfire Australasian Fire Authorities Council Conference (Poster, invited)
- Wouters M** (2008) Ecological Fire Management Guidelines for SA Australasian Fire Authorities Council Conference (Poster, invited)
- Wouters M** (2008) Integrating Fauna into Fire Planning Australasian Fire Authorities Council Conference (Poster, invited)
- Wouters M** (2006) Developing ecological fire management guidelines for SA Bushfire2006 Conference (Poster, invited)
- Wouters M** (2006) Overall fuel hazard guide for South Australia Bushfire2006 Conference (Poster, invited)
- Wouters M** (2005) Malleefowl & Fire National Malleefowl Forum (Oral, invited)
- Wouters M** (2004) 2002/03 Big Desert Fire - Fire Suppression and Biodiversity Impacts Bushfire2004 Conference (Oral, invited)

- Wright A**, Gibbs S, Kemper C, Harcourt R (2006) Aerial Surveys for Dolphins in the Spencer Gulf South Australia, using GPS and GIS International CoastGIS Conference, Wollongong NSW (Poster)
- Crossman ND, Ostendorf B, Bryan BA, Nefiodovas A & **Wright A** (2005) OSS: A Spatial Decision Support System for Optimal Zoning of Marine Protected Areas MODSIM 05, the Modelling and Simulation Society Conference (Oral)
- Wright A, Frankiewicz D & Paxinos R** (2006) Uncertainty and Sensitivity Analysis used to assist in the Development of the Spencer Gulf Marine Plan, International CoastGIS Conference, Wollongong NSW (Oral)
- Wright A, Bignell S, Fairweather P & McDonald B** (2009) Performance assessment: how is South Australia considering connectivity in marine park design? Australian Marine Sciences Association (AMSA) 2009, International Conference "Marine Connectivity", Adelaide Convention Centre (Oral)

Local presentations

- Barker RM** (2006) Napoleon's Willow Friends of Adelaide Botanic Gardens, Friends of the Waite Arboretum (invited)
- Barker RM** (2006) Margaret Preston – selected works from a botanical perspective Art Gallery of SA (invited)
- Barnett E** (2010) Acid Sulfate Soil Management Acid Sulfate Soil Workshop
- Barnett E** (2009) Acid Sulfate Soils: processes, impacts and adaptive management Presentation to Long Term Plan Reference Group
- Barnett E** (2009) Acid Sulfate Soils Overview Presentation to Long Term Plan Reference Group
- Barnett E** (2009) Acid Sulfate Soils Management Option Presentation to Long Term Plan Reference Group
- Croft P & **Barnett E** (2009) Risk-based decision workshop Bioremediation of Acid Sulfate Soils Presentation to workshop
- Croft P & **Barnett L** (2009) Bioremediation of Acid Sulfate Soils Risk-based decision workshop (invited)
- Barnett L** (2009) Acid Sulfate Soils Management Options Long Term Plan Reference Group (invited)
- Barnett L** (2009) Acid Sulfate Soils: processes, impacts and adaptive management Long Term Plan Reference Group (invited)
- Brandle R** (2004) Biological Survey of Eyre Peninsula, SARDI Port Lincoln, May (invited)
- Brodie C** (2009) Early Detection of High-Risk (Alert) Weeds Natural Resources Management officers and other stakeholders, at Adelaide, Naracoorte, Clare and Port Lincoln
- Bryars S** (2009) The charismatic western blue groper and elusive harlequin fish Coastal Waters Dive Club, April 6, 2009, Adelaide. (invited)
- Bryars S** (2008) The disappearing sea nymph: loss of *Amphibolis* seagrasses off Adelaide. Adelaide University seminar series, February 7, Adelaide. (invited)
- Bryars S** (2008) Seagrasses of Gulf St Vincent Port Adelaide Environment Forum, September 18, 2008, Adelaide. (invited)
- Bryars S** (2008) Western blue groper Conservation Council of SA Fish Forum, November 12, 2008, Adelaide. (invited)
- Bryars S** (2008) The unheralded seagrasses of the Investigator Group Royal Society of South Australia meeting, November 13, 2008, Adelaide. (invited)
- Bryars S** (2008) Post-graduate opportunities in DEH Aquatic and Plant Sciences Post-Graduate Retreat, November 21, 2008, Adelaide. (invited)
- Bryars S** (2008) Marine Threatened Species Marine Life Society of South Australia meeting, November 18, 2008, Adelaide. (invited)
- Bryars S** (2008) Threatened Marine Species in SA Conservation Council of SA webinar series, December 3, 2008, Adelaide. (invited)
- Bryars S** (2008) Marine Fishes in SA Threatened Species Forum, December 11, 2008, Adelaide. (invited)
- Bryars S & Collings G** (2008) Seagrass loss off Adelaide. Seagrass Restoration Workshop, April 7, Adelaide. (invited)
- Bryars S** (2007) Blue swimmer crabs. Friends of Gulf St Vincent community forum, November 18, Adelaide. (invited)
- Bryars S** (2007) The health of southern Adelaide's reefs and seagrasses. Aldinga Coastcare group, October 16, Adelaide. (invited)

Presentations

- Bryars S** (2006) Has the River Torrens contributed to seagrass loss off Adelaide? Torrens River Taskforce briefing session, October 19, Adelaide. (invited)
- Bryars S, Collings G & Nayar S** (2006) What killed Adelaide's seagrasses?: Outcomes of the Adelaide Coastal Waters Study. SARDI seminar series, October 6, Adelaide.
- Bryars S** (2005) Coastal Fisheries Habitats in Gulf St Vincent. Get to know your Gulf! Community Forum, April 9, Port Vincent Institute. (invited)
- Bryars S** (2005) Coastal Fisheries Habitats in South Australia. Department for Environment and Heritage, Seminar Series, April 27, Adelaide. (invited)
- Bryars S** (2005) What killed our seagrasses? Outcomes of the Adelaide Coastal Waters Study. Friends of Gulf St Vincent community forum, October 22, Adelaide. (invited)
- Cale PG** (2007) Habitat Restoration for Fauna: Important concepts to consider. Improving Biodiversity Outcomes Of Restoration Works, NVC and DWLBC Habitat Restoration Workshop, 12-13th April. (invited)
- Catcheside PS** (2006) Fungal taxonomy. Third year students, Biology of Fungi and Lower Eukaryotes, School of Biological Sciences, Flinders University, May. (invited)
- Catcheside PS** (2006) Fungi in the Tarkine Wilderness area, Tasmania. Friends of the Adelaide Botanic Gardens, June. (invited)
- Catcheside PS** (2006) Australian Fungi - 2006. Adelaide Fungal Studies Group, 24 October. (invited)
- Catcheside, P.S.** (2010) Fungi - their importance, variety and ecology. Woodcroft Garden Group) 5/11/10. (invited)
- Chinnock RJ** (2010) Tufts, living rocks and stones - a look at some of the small specialised Mesemb genera. Cactus & Succulent Society of South Australia 20/08/10 (invited)
- Coombe-Smith K., Naismith T. and Collins N.** (2011) Alinytjara Wilurara Regional NRM Plan APY - Pukatja, Kaljiti, Kanpi/Nyapari, Pipalytjara/Kalka, Watarru, Iwantja, Mimili
- Dutkiewicz A** (2010) Potential for SA to tap in to remote sensing initiatives Monitoring and Evaluation Network SA (MENSA) officers meeting (invited)
- Dutkiewicz A** (2010) Groundcover monitoring for Australia: Groundtruthing training in SA Spatial Information Day, Adelaide SA
- Dutkiewicz A** (2009) Earth from Space: Soils to Tsunamis Living Books, Public Sector Week, Rundle Mall, Adelaide, SA
- Dutkiewicz A** (2009) Supporting Adoption under Enrich Adoption Team, Future Farm Industries Cooperative Research Centre (FFI CRC)
- Dutkiewicz A** (2009) Setting the scene for Adoption in SA A series of regional FFI CRC forums at Lucindale, Murray Bridge, Cleve and Adelaide, SA
- Dutkiewicz A** (2008) The role of native grasses for sustainability in SA Management of Native Perennial Grasses for Sustainability, Jamestown SA
- Forward GR, Young M-A, Hughes B.W., McDonough C** (2008) Trends in land condition and land management in SA's agricultural lands Plant Research Centre, Waite
- Fotheringham D** (2009) Coastal monitoring along the Coorong & potential impacts of sea level rise. Joint meeting South East & Murray-Darling Basin Natural Resources Management Committee (invited)
- Fotheringham D** (2009) Vulnerability Assessment Kangaroo Island. Kangaroo Island Coastal Issues Working Group (invited)
- Fotheringham D** (2008) Adelaide seagrass restoration project. SA Water RDI Committee
- Fotheringham D** (2008) Background information & seagrass loss patterns. Seagrass Restoration Workshop, April 7, Adelaide.
- Fotheringham D** (2007) Coast Protection Programs. Kangaroo Island Coastal Roadshow Workshop
- Fotheringham D** (2007) Trialling Resource condition indicators for the SA Coast. M&E Natural Resources Management Monitoring Workshop Waite Institute
- Fotheringham D** (2007) Coastal zone climate change impacts. DEH Nature Conservation Workshop Mt Gambier
- Fotheringham D** (2006) Climate change - Coastal implications & planning. Eyre Peninsula Natural Resources Management Climate Change Workshop
- Fotheringham D** (2005) Coastal Dunes in the South East. Coastal Planning Workshop Robe
- Fotheringham D** (2005) Stormwater impacts on the coast. Environment, resources & development committee

Presentations

- Fotheringham D** (2004) Beach monitoring at Hogg Bay Kangaroo Island. Kangaroo Island Council
- Fotheringham D** (2004) South East seagrasses. South East Catchment Water Management Board
- Fotheringham D** (2004) South East Coastal landforms, processes and vegetation. AGM Field Naturalists Beachport
- Foulkes JN** (2009) Fauna Survey and Monitoring Methods Postgraduate course in Fauna Management, University of South Australia (invited)
- Foulkes JN** (2008) Managing Biodiversity in the Face of Climate Change. Yorke Mid North Natural Resources Management Board, Crystal Brook, February. (invited)
- Foulkes JN** (2008) Biological Survey & Monitoring in South Australia. Biodiversity Hub, National Wine Centre. (invited)
- Foulkes JN** (2007) Biological Survey and Vegetation within the SA Murray-Darling Basin. Launch of Murray-Darling Basin Natural Resources Management Research Agenda, National Wine Centre, Adelaide, November. (invited)
- Gillam S** (2008) Malleefowl Conservation in SA – Achievements from 2004 – 2007. CARE Team Meeting, Local Action Planning Association, Karoonda, Murray Mallee, SA, 18 Jan (invited)
- Gillam S** (2008) Species Risk Assessment Project. Declining Woodland Birds Recovery Team Meeting, Clare, SA, 13 June (invited)
- Gillam S** (2007) Malleefowl Conservation: statewide and national initiatives. Birds Australia Annual General Meeting, Mt Gambier SA, 26 May (invited)
- Gurgel CFD & Norris JN.** (2007) Phylogeography of *Hypnea musciformis* based on four genetic markers. 22nd Conference of the Australasian Society of Phycology & Aquatic Botany, Warrnambool, Victoria, Australia, 26-29 Nov.
- Hall J** (2010) Barossa soils and subregions Barossa Grape and Wine Association, Yalumba, Barossa Valley (invited)
- Hall J** (2010) Climate change and land capability assessment "4 in 40" (with the University of Adelaide), Royal Institute Australia, Adelaide (invited)
- Hall J** (2009) Soil: The third dimension Living Books, Public Sector Week, Rundle Mall, Adelaide, SA (invited)
- Hall J** (2009) The Soils of Southern SA - book launch speech Royal Institute Australia (with the University of Adelaide Environment Institute), Adelaide (invited)
- Hall J** (2009) Kangaroo Island soils: formation and nature Kangaroo Island Topoclimate Farm Group, Kangaroo Island (invited)
- Hall J** (2007) SA land and soil information State of the Environment Report Meeting, Adelaide (invited)
- Hall J, Maschmedt D** (2007) Building a vision for landscapes and their futures SARDI Forum, Waite Campus, Adelaide (invited)
- Hall J** (2007) The State Land & Soil Information Framework - Uses and Users Knowledge and Information Forum, Waite Campus, Adelaide (invited)
- Hall J** (2007) The State Land & Soil Information Framework - What is it? What can it do? And the role of GIS in its development. Spatial Information Day, National Wine Centre, Adelaide (invited)
- Hall J** (2007) Water, soil, plants, landscapes and humans: Interactions in the environment and data to help analyse these. Knowledge and Information Lecture Series, Minerals & Energy Seminar Rm, Adelaide (invited)
- Maschmedt D, **Hall J** (2006) Land resource assessment for planning and management Waite Campus Seminar, Adelaide (invited)
- Hall J** (2005) The State Land and Soil Mapping Program: outcomes Australian Soil Science Society SA - AGM, Waite Campus (invited)
- Hall J, Maschmedt D, Billing B** (2005) Land and soil spatial information for improved natural resource management Knowledge and Information Forum, Waite Campus, Adelaide (invited)
- Hall, A** (2010) National Recovery Team Meeting for the Murray hardyhead Recovery Team meeting, Vic (invited)
- Hall, A** (2009) Status of native freshwater fish in SA International Union for the Conservation of Nature, threatened freshwater fish workshop (invited)
- Hall, A.** (2010) Murray-Darling Basin Authority Native Fish Strategy: Native Fish Awareness Week SARDI Aquatic Sciences, Adelaide (invited)

Presentations

- Hall, A.** (2010) Threatened freshwater fish in the CLLMM Ramsar Region Presentation to the Ngarrindjeri Regional Authority, Adelaide (invited)
- Hall, A.** (2010) Lower Lakes Watering Projects Scientific Advisory Panel Annual Meeting (invited)
- Hall, A.** (2009) Managing the impacts of drought on South Australia's freshwater fishes Threatened Species Day, Adelaide (invited)
- Hall, A.** (2008) A Diminishing Ecosystem. Is there a future for small-bodied native fish within South Australia's Murray-Darling Basin? Australian Society for Limnology Conference, Perth
- Halliday L** (2009) The Coorong Lower Lakes and Murray Mouth Managing for a Healthy Future Document Presentation to Long Term Plan Reference Group
- Halliday L** (2009) The Coorong Lower Lakes and Murray Mouth Management Options Presentation to Long Term Plan Reference Group
- Halliday L** (2009) The Coorong Lower Lakes and Murray Mouth Directions for a Healthy Future document Presentation to Long Term Plan Reference Group
- Halliday L** (2009) The Coorong Lower Lakes and Murray Mouth Draft Long Term Plan Presentation to Long Term Plan Reference Group
- Halliday L & Morony C** (2007) NatureLinks - The Government's approach to landscape biodiversity planning, incorporating the East meets West Strategic Plan". Connect '07- A Conference Aimed at Maximising Conservation Effort under the Increasing Threat of Rapid Climate Change. Conservation Council of SA. (invited)
- Harley D** (2007) Bush Stone-curlew recovery in the South East of South Australia: Breaking the extinction vortex. Birds Australia Members Day, Mount Gambier. 26th May. (invited)
- Harley D** (2006) Bush Stone-curlew Conservation in South Australia's South East. Curlew Summit 2006, Rutherglen (Victoria), 6-7th April. (invited)
- Heard LMB** (2008) River Murray Forest Goal-based Biodiversity Metric, Lunchtime Seminar Series, Science and Conservation Directorate (invited)
- Heard LMB** (2008) River Murray Forest Goal-based Biodiversity Metric – Large-scale Landscape Project, Living Laboratories Presentation – 22 Feb 2008 (invited)
- Henderson MK** (2007) Project FuSE: fuel dynamics and fire behaviour in mallee and heath. Bureau of Meteorology, Kent Town, 5th April. (invited)
- Henderson MK** (2007) Fire research initiatives in SA. Connect '07- A Conference Aimed at Maximising Conservation Effort under the Increasing Threat of Rapid Climate Change. Conservation Council of SA, Adelaide, 19th May. (invited)
- Henderson MK** (2007) Plant dynamics in mallee on the Eyre Peninsula: responses to changing fire regimes. West Coast pre-season training exercises, Wadikee 3rd October. (invited)
- Henderson MK** (2006) The role of fire in plant persistence: traits and community responses. Adelaide & Mount Lofty Region Natural Resources Management Consultative Committee, Norton Summit, November. (invited)
- Henderson MK** (2006) Project FuSE: fire behaviour and fuels in mallee and heath. CFS Leadership Team, Adelaide November. (invited)
- Henderson MK** (2006) Project FuSE: fire behaviour and fuels in mallee and heath. SA and Victoria joint training exercises, Little Desert NP, Victoria, November. (invited)
- Henderson MK** (2006) Fire behaviour and fuel dynamics in mallee and heath in Ngarkat CP. Australasian Fire Authorities Council Study Tour, Adelaide, September. (invited)
- Henderson MK** (2006) Fire ecology: plant survival traits and community responses. Flinders University guest lecture. September. (invited)
- Henderson MK** (2006) The effect of fire on native vegetation - using fire for conservation. Pt Sturt Land-care, August. (invited)
- Henderson MK** (2006) The effect of fire on native vegetation. Botanic Gardens of Adelaide, August. (invited)
- Henderson MK** (2005) Managing fires in urban areas. Adelaide University Urban Habitat Management Masters Seminar. University of Adelaide, 3rd August. (invited)
- Henderson MK** (2004) Fire and weeds. SA Weed Management Society, Botanic Gardens of Adelaide, 31st August. (invited)
- Higham J** (2009) The Coorong, Lower Lakes and Murray Mouth: CLLMM update Scientific Advisory Group

Presentations

- Hobbs T** (2010) NCAT Mallee and Environmental Planting Research CSIRO/DCC&EE National Carbon Accounting Toolbox Revision Project (Workshop). CSIRO Gungahlin, Crace ACT. (invited)
- Hobbs T** (2010) Redesigning NCAT Models Mallee and Environmental Plantings CSIRO/DCC&EE National Carbon Accounting Toolbox Revision Project (Meeting). CSIRO Gungahlin, Crace ACT. (invited)
- Hobbs T** (2009) Opportunities for carbon sequestration from revegetation in SA Food for Thought Seminar Series (Seminar). SWEC Conference Room, Waite Rd, Urrbrae. (invited)
- Hobbs T**, Bartle J, Bennell M, Huxtable D (2009) Woody Crops! What, Where and How Much?: Spatial and Economic Analysis of Potential in Lower Rainfall Regions of Southern Australia Future Farm Industries CRC Regional Briefings - Responding to climate variability at the local level (Public Meeting). Plant Research Centre, Waite Campus, Urrbrae. (invited)
- Hobbs T**, Bartle J, Bennell M, Huxtable D (2009) Woody Crops! What, Where and How Much?: Spatial and Economic Analysis of Potential in Lower Rainfall Regions of Southern Australia Future Farm Industries CRC Regional Briefings - Responding to climate variability at the local level (Public Meeting). Racecourse, Murray Bridge. (invited)
- Hobbs T**, Bartle J, Bennell M, Huxtable D (2009) Woody Crops! What, Where and How Much?: Spatial and Economic Analysis of Potential in Lower Rainfall Regions of Southern Australia Future Farm Industries CRC Regional Briefings - Responding to climate variability at the local level (Public Meeting). Town Hall, Naracoorte. (invited)
- Hobbs T** (2007) Productivity and RIPA modelling in the SE region of SA FloraSearch Workshop 2007 (Workshop). Rutherglen Research Station, Rutherglen. (invited)
- Hobbs T** (2007) Woody Biomass Productivity and Potential Biomass Industries in the Upper South East - A report for the SA Centre for Natural Resource Management SA Centre for Natural Resource Management Board Meeting (Board Meeting). Lirra Lirra, University of Adelaide, Urrbrae. (invited)
- Hobbs T** (2006) Upper South East Biomass Project SA DWLBC LMR Meeting (Departmental Meeting). State Flora, Murray Bridge. (invited)
- Hobbs T** (2006) FloraSearch Bremer Barker Catchment Group AGM (Public Meeting). Mt Lofty Ranges Catchment Centre, Mount Barker. (invited)
- Hobbs T** (2006) FloraSearch - Growth Modelling and Yield Prediction FloraSearch 2006 Review (Workshop). Dwellingup, Perth. (invited)
- Hobbs T** (2006) FloraSearch - Species Screening FloraSearch 2006 Review (Workshop). Dwellingup, Perth. (invited)
- Hobbs T**, Huxtable D (2006) FloraSearch - Regional Industry Potential Analysis FloraSearch 2006 Review (Workshop). Dwellingup, Perth. (invited)
- Hobbs T** (2005) FloraSearch - New native woody crop species for southern Australia SARDI Fodder (Seminar). Plant Research Centre, Urrbrae. (invited)
- Hobbs T** (2005) FloraSearch - New native woody crop species for southern Australia Rural Solutions Group Meeting (Seminar). Grenfell Street, Adelaide. (invited)
- Hobbs T, Neumann C** (2010) Monarto Research Site Visit FFI CRC Woody Crops Program Leader Paul Turnbull (Meeting). DENR Monarto Research Site, Monarto. (invited)
- Hobbs T, Neumann C** (2007) FloraSearch: Woody crop development FFI CRC's inaugural AGM and Participant meeting (Field Day). DENR Monarto Research Site, Monarto. (invited)
- Hobbs T**, George B, **Neumann C** (2006) FloraSearch - Field Trials of Woody Germplasm FloraSearch 2006 Review (Workshop). Dwellingup, Perth. (invited)
- Hobbs T, Neumann C, Tucker M** (2009) Opportunities for Carbon Sequestration from Revegetation in South Australia State Complimentary Program Meeting (Seminar). Lirra Lirra, University of Adelaide, Urrbrae. (invited)
- Hobbs T**, Bennell M, **Neumann C**, McKenna D, **Tucker M** (2007) Production Systems and Yield Optimisation FFI CRC's inaugural AGM and Participant meeting (Seminar). Charles Hawker Building, University of Adelaide, Urrbrae. (invited)
- Jolley AM** (2010) Soil and Water Quality Monitoring in the Lower Lakes Acid Sulfate Soil Workshop
- Jolley AM** (2010) Limestone dosing in Currency Creek and Finniss River
- Jusaitis M** (2005) Long term monitoring of Bridal creeper and herbivore effects on *Pterostylis arenicola* (Sandhill greenhood) . Threatened Orchid Recovery Forum, Morialta, 7 March 2005 (invited)
- Kutsche F** (2004) Field Guide to the Plants of Outback South Australia Eremophila Festival at Arid Lands Botanic Gardens (invited)

Presentations

- Long K**, Trengove K, Griffith J and **Stubbs W** (2010) Naïve and outfoxed? The response of southern brown bandicoots to a prescribed burn. Ecological Society of Australia, South Australian Ecology Day conference
- Bennell M, **McKenna D**, **Neumann C** (2006) Field trials of woody germplasm SA DWLBC LMR Meeting (Departmental Meeting). DWLBC Trial Site, Monarto. (invited)
- Miles MW** (2007) Integration of Spatial Tools for Prioritisation of the River Murray Floodplain. South Australian Spatial information Day, National Wine Centre, Adelaide. 10th August
- Molsher R** & Fisher E (2006) NSW Ramsar Managers network- Government and landholders working together. Murrumbidgee Wetlands Forum. Leeton, NSW, 23-24 November 2006.
- Molsher R** & Peckham P (2005) Cultural value assessment of an "ordinary" and "significant" wetland in central western NSW. Wetlands Innovations Forum, Newcastle, October 2005.
- Mooney PA** (2008) Distribution of *Phytophthora* and its relationship with native vegetation dieback on Kangaroo Island. DEH Phytophthora Working Group. March 7th 2008. (invited)
- Murray-Jones S** (2007) Marine Monitoring, Africa-style. Joint Australian Marine Sciences Association (AMSA)/Reef Watch seminar, SA Research and Development Institute
- Neumann C** (2010) Carbon sequestration on the farm Karoonda Science Forum (Public Meeting). Karoonda Football Clubrooms, Karoonda. (invited)
- Neumann C** (2010) Carbon sequestration and biomass production from revegetation and agroforestry Carbon Sequestration and Biomass Production from Revegetation and Agroforestry & Biodiversity Benefits of Biodiverse Carbon plantings (Public Meeting). Café Nova Function Centre, Gawler. (invited)
- Neumann C** (2009) FloraSearch: Selecting and developing new woody crop species for farm forestry and fodder industries Future Farm Industries CRC Regional Briefings - Responding to climate variability at the local level (Public Meeting). Town Hall, Naracoorte. (invited)
- Neumann C** (2007) FloraSearch 2006 plantings FloraSearch Workshop 2007 (Workshop). Rutherglen Research Station, Rutherglen. (invited)
- Neumann C** (2007) FloraSearch Sandalwood Field Day, Murray Mallee LAP (Field Day). Karoonda Football Clubrooms, Karoonda. (invited)
- Neumann C** (2007) Field trials of woody germplasm CRC Salinity Research Outcomes for South Australia (SA Node Meeting) (Seminar). University of Adelaide, Roseworthy. (invited)
- Neumann C** (2006) Field trials of woody germplasm - general SA DWLBC LMR Meeting (Departmental Meeting). State Flora Site, Murray Bridge. (invited)
- Neumann C** (2006) FloraSearch – Developing broadscale commercial revegetation industries in low rainfall regions of southern Australia Greening Australia SA Annual Meeting (Seminar). Pasadena Natural Resource Centre, Pasadena. (invited)
- Neumann C Hobbs T** (2010) Carbon sequestration and measurement for agro-forestry and the carbon market in low rainfall regions Murray and Mallee Carbon Forum (Public Meeting). Murray Bridge Town Hall, Murray Bridge. (invited)
- Neumann C, Hobbs T** (2010) Agroforestry Working Group Regional Development Australia - Murraylands and Riverland Agroforestry Working Group (Meeting (periodic)). RDA Adelaide Road, Murray Bridge, Murray Bridge. (invited)
- Neumann C, Hobbs T** (2009) Opportunities for Carbon Sequestration from Revegetation in South Australia NRM Science Forum (Public Meeting). Standpipe Golf Motor Inn, Port Augusta. (invited)
- Neumann C, Hobbs T, Tucker M** (2010) Monarto Research Site and the Woody Crops Program (CRC) Monarto Post-Carbon Forum Field Day (Field Day). DENR Monarto Research Site, Monarto. (invited)
- Neumann C, Hobbs T, Tucker M** (2010) Carbon sequestration and biomass production from revegetation and agroforestry Finding of the NRM Research Alliance Integrated Project 2010 - Regional Communities Adapting to Climate Change while Operating in a Carbon Constrained Economy (Seminar). SARDI Auditorium, Plant Research Centre, Urrbrae. (invited)
- Neumann C, Hobbs T, Tucker M** (2010) Monarto Research for the Future Farm Industries CRC FFI CRC SA Regional Symposia (Field Day). DENR Monarto Research Site, Monarto. (invited)
- Neumann C, Hobbs T, Tucker M** (2010) Monarto Research for the Future Farm Industries CRC FFI CRC Board Meeting (Field Day). DENR Monarto Research Site, Monarto. (invited)
- Neumann C, Hobbs T, Tucker M** (2009) Research Conducted at Monarto DWLBC Land Management Unit (Field Day). DENR Monarto Research Site, Monarto. (invited)

Presentations

- O'Leary MC** (2007) Provenance, a taxonomic perspective: Eucalyptus / Acacia. Habitat Restoration Workshop, Improving Biodiversity Outcomes of Restoration Works. Waite Institute. Native Vegetation Council & DWLBC. 12th April 2007.
- Pestell AJL** (2009) Reintroduction in practice: case studies from South Australia. Lecture prepared for University of SA LBDV program (invited)
- Pestell AJL** (2006) Emerging Infectious Diseases of Wildlife. Lecture prepared for University of SA LBDV program (invited)
- Quarmby J** (2008) Effects of disturbance on *Caladenia gladiolata*. Caladenia Research Workshop, Adelaide Botanic Gardens (invited)
- Rogers DJ** (2011) Landscape Assessment: an approach to prioritise conservation investment Presentation to the Native Vegetation Council (invited)
- Rogers DJ** (2010) Landscape Assessment: Towards Adequate Priority Setting for Landscape Conservation Ecological Society of Australia : SA Ecology Day
- Rogers DJ** (2009) The role of conservation planning in M&E for conservation outcomes Monitoring & Evaluation Network SA (invited)
- Schofield J** (2007) Pygmy Bluetongue Lizards, Wildlife and Habitat Support Group (invited)
- Schofield J** (2007) Why are we building possum boxes? Clare Valley High School (invited)
- Schofield J** (2007) Population dynamics of Pygmy Bluetongue Lizards and the effects of rotational grazing on the persistence of spider holes, DEH Threatened fauna project meeting (invited)
- Schofield J** (2006) Threatened species in the Northern and Yorke Region, Field Naturalist of South Australia (invited)
- Schofield J** (2005) Threatened species Threatened species information day (invited)
- Seaman R** (2009) Revegetation Program – Component 1 Local action planning groups (invited)
- Seaman R** (2009) The Coorong, Lower Lakes and Murray Mouth: Directions for a Healthy Future Scientific Advisory Group of SAMDB NRM (invited)
- Seaman, R** (2010) Impacts of climate change on the lower Murray Interagency climate change workshop (invited)
- Seaman, R** (2010) Bioremediation in the CLLMM Ngarrindjeri Regional Authority (invited)
- Seaman, R** (2010) Drought impacts in the CLLMM Water Security Technical Group (invited)
- Seaman, R** (2010) Management updates Lower Murray Drought Reference Group (invited)
- Seaman, R** (2009) Impacts from Drought in the lower Murray Water Security Council (invited)
- Seaman, R** (2009) Scoping management options for the CLLMM KPMG Australia (invited)
- Seaman, R** (2009) Management Options for the CLLMM State Landcare Conference (invited)
- Seaman, R** (2009) Bioremediation methods and outcomes KYNA - Ngarrindjeri committee (invited)
- Sharp A., Copley P.,** Bignall J., Carthew S., Taggart D., **Van Weenan J.,** Johnson G., Smith I., Swales J. and Kemp L. (2010) Survival of reintroduced South Australian Mainland Tammar Wallabies South Australian Ecology Day
- Sheldon RA & Harding CL** (2006) Broilgas in the SE of SA, South East SA Waders and Wetlands Festival, Lady Nelson Visitor Centre, 23 October 2006, Mount Gambier, SA (invited)
- Sobey E** (2007) Trends in breeding success and population size in the South Australian sub-species of the Glossy Black-Cockatoo. Fleurieu Birdwatchers, Victor Harbor, November. (invited)
- Sweeney S** (2010) Building the Capacity of Natural Resource Managers to Adapt to Climate Change DENR Climate Change Forum (invited)
- Taylor B** (2011) Restoring *Ruppia tuberosa* to the southern Coorong - project update April 2011 KNYA meeting, Murray Bridge (invited)
- Taylor B** (2010) Coorong South Lagoon Flows Restoration Project - update October 2010 EMAG meeting, Adelaide (invited)
- Van Weenan J** () Offshore Islands of South Australia Friends of Parks Forum, Pt Lincoln (invited)
- von Baumgarten P** (2008) National coastal, estuarine and marine indicators. Gulf St Vincent MOU workshop (invited)
- Vonow HP** (2010) Weed Spotters training - plant collecting techniques Straun, SE for South East NRM / Rural Solutions (invited)

Presentations

- Ward MJ** (2006) General talks on mistletoes, mistletoebird movements, mistletoe dispersal, tree decline and Pink Gums *Eucalyptus fasciculosa*, given to a range of community and conservation groups, including: Wildlife and Habitat Support Group (invited)
- Ward MJ** (2005) General talks on mistletoes, mistletoebird movements, mistletoe dispersal, tree decline and Pink Gums *Eucalyptus fasciculosa*, given to a range of community and conservation groups, including: Native Plant Society of Australia, South Australian Field Naturalist Society, Willunga Trees for Life, Junior Field Naturalist / Nature Education Centre of South Australia, Brighton High Year 12 Biology students (invited)
- Ward MJ** (2004) General talks on mistletoes, mistletoebird movements, mistletoe dispersal, tree decline and Pink Gums *Eucalyptus fasciculosa*, given to a range of community and conservation groups, including: Nature Conservation Society of South Australia, Friends of Aldinga Scrub Conservation Park (invited)
- Williams M, Wouters M, Driscoll, D** (2007) Fire Management: Conservation in a Changing Climate CCSA Climate Change Conference (invited)
- Willoughby N** (2009) Prioritising restoration in the northern Murray Mallee: Applying a landscape assessment framework ESA SA Ecology Day, 30 Sept 2009, Lirra Lirra Cafe, Waite Campus, University of Adelaide
- Willoughby N** (2007) No species loss – goal setting in the northern Murray Mallee. Habitat Restoration Workshop: Improving Biodiversity Outcomes of Restoration Works. 12th and 13th April 2007, Waite Institute, Adelaide, SA. (invited)
- Willoughby N** (2006) Landscape Trial. Nature Conservation Program Workshop. 22nd and 23rd October 2006, Berri, SA. (invited)
- Willoughby N** (2004) *Melithreptus* Honeyeaters in the Mount Lofty Ranges. South Australian Ornithologists Association Meeting, February 2004, Waite Institute, Adelaide, SA. (invited)
- Willson A** (2007) Adelaide & Mount Lofty Ranges regional Recovery Plan – Progress Report. Presentation to the Threatened Species Scientific Committee (invited)
- Wouters M** (2009) Ecological Fire Management UniSA Fire Management unit, B. Biodiv. & Park Mgt Course (2nd/3rd year) (invited)
- Wouters M** (2009) Fire Ecology & Management in SA University of Southern California in Australia (invited)
- Wouters M** (2006) Sustainable Fire Management Nature Conservation Society SA (invited)
- Wouters M** (2006) Urban Fire Ecology Urban Habitat Management Masters Seminar (invited)
- Wouters M** (2004) Fire Ecology and Weeds Weed Society of SA (invited)

Research Infrastructure Supported by DENR

Adelaide Botanic Gardens Living Collections , Area: Three Botanic Gardens of Adelaide sites Including global collections, *Funding:* DENR and Board of Botanic Gardens of Adelaide, Friends of the Botanic Gardens of Adelaide, and Corporate Sponsors, *Contact:* J Sandham

Aerial photography and satellite imagery collection Aerial photography and satellite imagery, Area: Across SA; specific to projects, *Funding:* DENR, *Contact:* C Gilbert

Ancient DNA lab Ancient DNA (more zoological), *Funding:* DENR, Australian Research Council Federation Fellowship, University of Adelaide, *Contact:* A Lowe

Authorised officer work Weed collections AW region, Area: Alinytjara Wilurara, *Funding:* Caring for our Country , *Contact:* T. Gurney

Beach Profiles Transects Coastal geomorphology of beach behaviour for beach protection –1970s – present., Area: Victorian border to Fowlers Bay, *Funding:* DENR & Coastal Protection Board, *Contact:* D Fotheringham

Benthic Habitat Mapping Baseline mapping of marine benthos, Area: All Natural Resources Management regions, *Funding:* Natural Resources Management, DENR, *Contact:* B McDonald, D Miller, L Barnett

Biodiversity Baselines High end computing: ecosystem condition; data mining and analysis, Area: Currently Mount Lofty Ranges, but state-wide capacity, *Funding:* Adelaide and Mount Lofty Ranges Natural Resources Management Board, *Contact:* D Turner

Biological Observation and Ecological Data held in the Biological Databases of SA Systematic and opportune flora and fauna data (including distribution and ecology); project data, Area: State-wide, *Funding:* DENR, Natural Resources Management, SA Museum, Natural Heritage Trust, Australian Government, *Contact:* S Pillman

Botanic Gardens and State Herbarium Library and archives, and the Museum of Economic Botany Plant Systematics and Horticulture, Area: Global and historic collection, *Funding:* DENR and Board of Botanic Gardens of Adelaide, and Friends of the Botanic Gardens of Adelaide, *Contact:* T Kanellos, S Forbes

Brookfield Site facilities and long term monitoring data. Opportunistic semi arid ecology, Area: Brookfield Conservation Park, *Funding:* DENR (site facilities), *Contact:* P Strachan

Carbon sequestration and woody crop productivity databases Productivity and carbon sequestration surveys of revegetation, agroforestry and field trial sites, Area: All of state (agricultural regions), *Funding:* DENR, Future Farm Industries CRC, *Contact:* Trevor Hobbs, Craig Neumann

Coastal, estuarine and marine monitoring audit data Coastal, estuarine and marine, Area: South Australia, *Funding:* National Land & Water Resources Audit, *Contact:* P von Baumgarten

Community Survey (2008) Social Inclusion, Area: Statewide, *Funding:* DENR, *Contact:* J Sandercock

Community monitoring database Stream Sampling for regional and condition reporting, Area: SA Murray Darling Basin, *Funding:* SA Murray Darling Basin NRM Board, *Contact:* Greg Lundstrom

DENR Monarto Research Site Native species woody crop and fodder shrub trials, plant breeding and development. FFI CRC Woody Crops Program / FloraSearch core site., Area: Monarto, Murray-Darling Basin, *Funding:* DENR, Future Farm Industries CRC, *Contact:* Trevor Hobbs, Craig Neumann, Merv Tucker

Ecological Fire Management Guidelines Fire Regimes, Area: Agricultural Areas, *Funding:* DENR, *Contact:* David McKenna / Mike Wouters

Ecological Fire Management Strategies Fire & Significant Spp/Issues, Area: various, *Funding:* DENR, *Contact:* Mike Wouters

Estuarine Fish Surveys Fish environment relationships in estuaries, Area: Estuaries throughout state, *Funding:* Australian Research Council Linkage (University of Adelaide), Natural Resources Management, Dept of Primary Industries and Resources SA, *Contact:* L Barnett, D Miller

Field survey infrastructure Field survey equipment (vehicles, survey equipment), *Funding:* DENR, *Contact:* L.Kajar

Flora Fire Response data Fire management, Area: South Australia, *Funding:* DENR, *Contact:* M Wouters

FloraSearch - Woody Crops Program Field Trial Sites Native species woody crop evaluation trials., Area: Murray Bridge, Roseworthy, Lucindale, *Funding:* DENR, Future Farm Industries CRC, *Contact:* Trevor Hobbs, Craig Neumann, Merv Tucker

Fuel hazard data Fuel hazard levels & accumulation, Area: Whole State, Funding: DENR, Contact: Damon Ezis / Mike Wouters

Heysen Trail Research (2006) Awareness, User Profile, Qualitative, Area: State-wide, Funding: DENR, Contact: M McPherson

Innamincka Grazing impact and waterpoint management; photopoints (up to 15 yrs data), Area: Outback, Funding: DENR, Contact: G Axford, A Freebairn

Integrated Mapping Observation System Integrated marine mapping, Area: Sir Joseph Banks Group, Funding: South Australian Research and Development Institute, DENR, University of Sydney, Contact: B McDonald, S Murray Jones

Kangaroo Aerial Survey Data Kangaroo population and distribution data for commercial harvest quota (40 years of data - longest wildlife monitoring databases around), Area: Northern SA, Northern and Yorke, Murraylands, Eyre Peninsula, South East, Outback and Aboriginal Lands, Funding: DENR, Kangaroo Management fund, Wildlife Conservation Fund, University of Queensland, Contact: P Stokes

Land and Soil Attribute Datasets (SALAD) Spatial information on 42 landscape and soil characteristics for use in environmental and natural resource management, planning and policy., Area: Southern SA, Funding: DENR, National Landcare Program, Natural Heritage Trust, Australian Collaborative Land Evaluation Program, Contact: James Hall, Jan Rowland

Mallee Ecosystem Research Accommodation for training, Area: Mallee on Kangaroo Island (eastern and western), Funding: DENR, Kangaroo Island Natural Resources Management, Dept of the Environment, Water, Heritage and the Arts, Flinders University, University of Adelaide, Contact: P Pisanu & R Ellis

Marine Park Monitoring To fit into the national representative marine protected areas systems, Area: Althorpes, Eyre and Encounter Bay, Funding: Australian Research Council Linkage (University of Tasmania), DENR, Contact: B McDonald, G Edgar

New vegetation monitoring sites established Flora health and trend monitoring AW region, Area: Alinytjara Wilurara, Funding: Caring for our Country , Contact: K. Coombe-Smith

Omnibus Parks Survey (2008) Key Performance Indicators - Numbers, Satisfaction, % SA population visiting, Area: Statewide, Funding: DENR, Contact: J Sandercock

Online delivery mapping Delivery of online mapping products, Area: South Australia, Funding: DENR, Contact: www.naturemaps.sa.gov.au

Osprey and sea eagle status Identify sites and population status; protection of sites from inappropriate development, Area: West Coast & Eyre Peninsula, Funding: Natural Resources Management, DENR, Contact: S Detmar

Permit Data Research Permit system; collection/harvest of wildlife and plants, Non commercial destruction permits, Seed (P. Ainsley), Scientific Research Flora and Fauna (K. Lloyd), Fauna research (B. McGrath-Steer), Area: South Australia, Funding: DENR, Contact: K Lloyd

Phycology Lab facility Algal systematics, Funding: DENR, University of Adelaide, South Australian Research and Development Institute, Australian Research Council linkage, Contact: F Gurgel

Plant Fire Response Data (Vital Attributes) Response to fire of plant species, ID fire sensitive plants & communities, Area: Whole State, Funding: DENR, Contact: David McKenna / Mike Wouters

Prescribed burns for experiments Fire ecology, Area: Whole State, Funding: DENR, Contact: Mike Wouters

Regional Industry Potential Analysis (RIPA) models and geographic information system for new woody crops in southern Australia Spatial and economic evaluations of the potential for development of new woody crop industries. Carbon sequestration and woody crop productivity models for the state., Area: All of state, and southern Australia, Funding: DENR, Future Farm Industries CRC, Contact: Trevor Hobbs

SA Plant Biodiversity System Data relating to the State Herbarium Collection, Area: Whole of Australia, Funding: DENR, Natural Heritage Trust, Contact: S Pillman

SA Soil Survey Report and Soil Science library Reference material on virtually all SA soil and land survey reports, as well as a soil science library with a focus on SA and land management issues and land capability assessment., Area: SA, Funding: DENR, Contact: James Hall

SABIRS Biodiversity Image Database Availability and access to the agency's biodiversity related image database for use in internal and external publications, Area: Statewide, Funding: DENR, Contact: F Kutsche

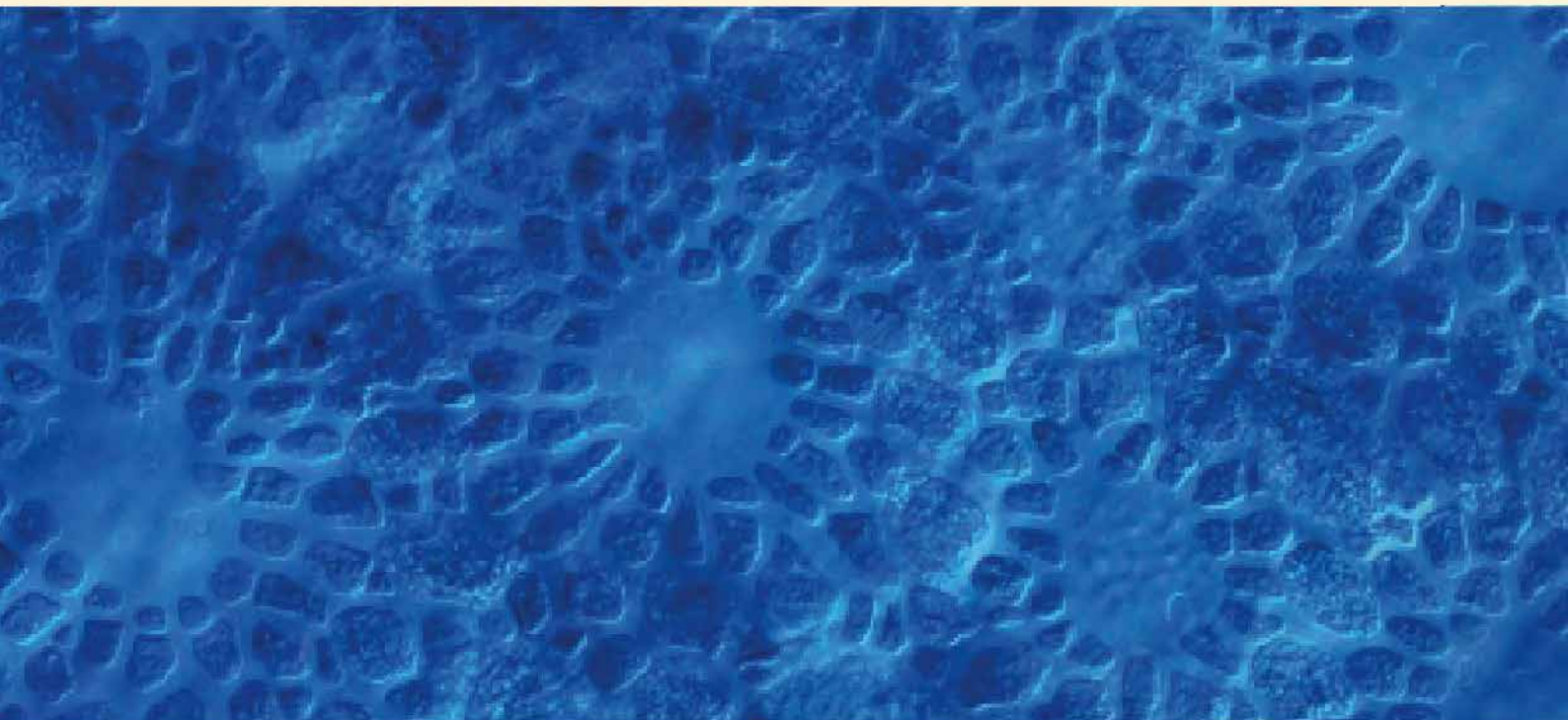
Saltmarsh Transects Plant species data and vegetation mapping, Area: Victorian border to Fowlers Bay, Funding: DENR and Coastal Protection Board, Contact: D Fotheringham

Sandplot monitoring Feral and native animal presence/absence, Area: Alinytjara Wilurara, Contact: M. Ward, P.Schmucker

- Seagrass transect and profiles** Seagrass species data and mapping, Area: Victorian border to Fowlers Bay, *Funding:* DENR and Coastal Protection Board, *Contact:* D Fotheringham
- Soil Characterisation Site Information** Chemical, morphological and interpretive data as well as photographs on 1000 excavated sites., Area: Southern SA, *Funding:* DENR, National Landcare Program, Natural Heritage Trust, industry and community groups, *Contact:* James Hall, Jan Rowland
- Soil Site Database** Access database of site and profile features described according to national standards., Area: Southern SA, *Funding:* DENR, National Landcare Program, Natural Heritage Trust, *Contact:* James Hall, Jan Rowland
- Spatial database, including fire, vegetation, coastal management, wetlands** Spatial data for many themes , Area: South Australia, *Funding:* DENR, *Contact:* J Crabb
- State Herbarium Collection** Distribution, taxonomy and description of terrestrial plants, marine plants, fungi and algae, Area: Global, *Funding:* DENR, *Contact:* P Canty, H Vonow
- State Herbarium Facility** Access to a collection of more than 1 million plant & fungal specimens; work area, optical microscopy facility, CITES registered loan facility (other Herbaria), Area: Science Resource Centre, *Contact:* P Canty, Chief Botanist
- State Land & Soil Mapping Program air-photo resource** Annotated, overlapping air photo set showing map units, specific observations, and soil description sites., Area: Southern SA, *Funding:* DENR, *Contact:* James Hall
- State Land & Soil Mapping Program topographic mapsheet resource** Annotated topographic mapsheets., Area: Southern SA, *Funding:* DENR, *Contact:* James Hall
- State Soil Archive** 7000 soil specimens from 1000 Soil Characterisation Sites, which are 'time capsules' for assessing temporal changes in soil properties (e.g. soil carbon and soil health), especially as new analytical tools become available. Samples can be used to set baselines for monitoring programs, have been used as standards in the development of new analyses (e.g. MIR analysis), and for the purposes of retesting or upgrading of current chemical data., Area: Southern SA, *Funding:* DENR, National Landcare Program, Natural Heritage Trust, industry and community groups, *Contact:* James Hall
- Vegetation monitoring, threatened flora and community investigations** Flora collections AW region, Area: Alinytjara Wilurara, *Funding:* Caring for our Country , *Contact:* K. Coombe-Smith
- Visitor Satisfaction Surveys (2004-2006)** Visitor Satisfaction, Area: Deep Creek, Flinders Ranges, Morialta, Naracoorte Caves, Belair, Cleland, Coffin Bay, Kelly Hill, Seal Bay, *Funding:* DENR, *Contact:* J Sandercock
- Waterfall Gully Trails Research (2007-2009)** Guide planning directions, Gauge community's emotional connections, Area: Waterfall Gully, *Funding:* DENR, *Contact:* J Sandercock
- Wetlands data** , Area: SA Murray Darling Basin, *Contact:* Rebecca Turner
- Whole of catchment assessments of aquatic ecosystems (waterholes, rockholes, springs)** Landscape assessment of biophysical features and cultural & social attributes , Area: Flinders Ranges; Stony Plains bioregion; Gawler Ranges; Cooper Creek catchment (in progress), *Funding:* Caring for our Country, *Contact:* H. Mancini
- Wildlife Conservation Fund Research Grants** Research into problems relating to conservation of wildlife, Area: Statewide, *Funding:* DENR - Wildlife Conservation Fund, *Contact:* F Taylor

Glossary

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| CLLMM | Coorong, Lower Lakes and Murray Mouth |
| CRC | Co-operative Research Centre |
| CSIRO | Commonwealth Scientific and Industrial Research Organisation |
| DEH | the former South Australian Department for Environment and Heritage, now Department of Environment and Natural Resources (DENR) |
| DENR | South Australian Department of Environment and Natural Resources |
| DWLBC | the former South Australian Department of Water, Land and Biodiversity Conservation, now Department for Water (DfW) |
| NHT | Natural Heritage Trust |
| NRM | Natural Resources Management |
| PIRSA | Primary Industries and Resources SA |
| SA | South Australia(n) |
| SARDI | South Australian Research and Development Institute, a research division of Primary Industries and Resources SA |



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