



geoland Forum 3 Poster Exhibition

Land Monitoring Core Service

Applications and adaptations of Land Cover
Hervé Pichon (IGN)

GMES Land Monitoring Core Service in Mediterranean Environments
Alexandris Nikolaos (Infoterra GmbH)

GMES Land Monitoring Core Service - Interoperability of Land Mapping Systems
Henning Schrader (Infoterra GmbH)

The Spanish Land Cover / Use Information System SIOSE
Antonio Arozarena (IGN)

Bio-Geophysical Parameters

Envisat AATSR Global land Surface Temperature Product
Xin Kong (Uni Leicester)

The geoland algorithm to estimate the downwelling surface solar flux: State of development
Fernando Camacho-de Coca (Uni Valencia)

Overview of the LandSAF vegetation projects
Thierry Elias (Centre National de Recherches Météorologiques)

Observed Global Precipitation
Franz Rubel (Veterinärmedizinische Universität Wien, IMP)

Nature Protection

Mountain Products in the geoland Observatory Nature Protection
Jostein Amlien (Norsk Regnesentral)

Alpine Protection Forest Monitoring
Matthias Schardt (JOANNEUM RESEARCH Forschungsgesellschaft mbH)

Habitat Monitoring in Alpine Regions
Ursula Schmitt (JOANNEUM RESEARCH Forschungsgesellschaft mbH)

Biopress: Key Results

France Gerard (Natural Environment Research Council)

Representation of Habitats and Landscape Elements in different Scales and Seasons
Michael Bock (German Aerospace Centre DLR)

Land Cover & Forest Habitats Classification for Monitoring Habitat Directive Areas with Spot 5: Development & Comparison of Pixel- & Object-Based Classification Techniques
Scott Hemphill (Albert-Ludwigs-Universität Freiburg)

Spatial Planning

geoland Observatory Spatial Planning
Frederic Petrini (GeoVille)

GMES Urban Services for Cities in Europe and Developing Countries
Christoph Boehm (Geo Data Solutions GmbH)

Simulation of Polycentric Urban Growth in a Peri-Urban Environment
Klaus Steinocher (ARC Seibersdorf research GmbH)

Water

The thematic processor - a tool to analyze natural environment
Philippe Duthil (Infoterra France SAS)

AWARE: a tool for monitoring and forecasting available water resources in mountain environment
Pietro Alessandro Brivio (Consiglio Nazionale delle Ricerche)

Optimized and integrated use of medium resolution satellite data for WFD-related service
Ulrihca Malmberg (Metria Miljöanalys)

Water Framework Directive - Water Quality & Water Shortage
Thomas Schrage (Infoterra GmbH)

Soil

Soil Erosion Risk Assessment in Greece by employing the USLE and PESERA models

Ioannis Gitas (Mediterranean Agronomic Institute of Chania)

Soil Erosion Risk Assessment with the use of GIS

Ioannis Meliadis (National Agricultural Research Foundation)

Natural Carbon & Water Fluxes

Carbon fluxes and Lai evolution in the ECMWF land surface scheme

Marita M. Voogt (Royal Netherlands Meteorological Institute)

Improving the vegetation description in the ECMWF land surface model

Sebastián Lafont (European Centre for Medium-Range Weather Forecasts)

Monitoring of the natural CO₂ fluxes over Southern France: Assimilation of LAI satellite products into the ISBA-A-gs model

Lionel Jarlan (European Centre for Medium-Range Weather Forecasts)

Using global MODIS-LAI to constrain a land surface model

Jerome Demarty (Centre National de la Recherche Scientifique)

Validation LAI simulated by ISBA-A-gs at the global scale

Anne-Laure Gibelin (Centre National de Recherches Météorologiques)

Validation of geoland ONC products at different scales

Eddy Moors (Alterra bv)

Food Monitoring

Crop area estimation in Belgium using a linear mixture model and neural networks

Sara Verbeiren (Vlaamse Instelling voor Technologisch Onderzoek)

Crop Yield Forecast: Models and Results Intercomparison from the Observatory Food Monitoring

Giampiero Genovese (Joint Research Centre)

Crop yield forecasting results in Europe and developments in China

Allard de Wit (Alterra bv)

geoland OFM interactive website for crop yield forecasting and crop monitoring

Kees van Diepen (Alterra bv)

Multiple stepwise regression and neural networks using remote sensing and meteorological data for the prediction of winter wheat yields in Belgium

Sara Verbeiren (Vlaamse Instelling voor Technologisch Onderzoek)

Satellite derived indices for operational crop yield forecasting

Katazyna Dabrowska-Zielinska (Instytut Geodezji i Kartografii)

The use of Modis Data to derive acreage estimations: A case study in the Rostov oblast of Russia

Steffen Fritz (Joint Research Centre)

Global Landcover & Forest Change

Assessment of Environmental Status of Africa: A Methodological Approach

Pietro Alessandro Brivio (Consiglio Nazionale delle Ricerche)

A fuzzy indicator of environmental status anomaly for the african continent

Pietro Alessandro Brivio (Consiglio Nazionale delle Ricerche)

Map of small water bodies in Western Africa

Bruno Combal (Joint Research Centre)

geoland OLF analysis tool

Mauro Michielon (Joint Research Centre)

Detection of vegetation seasonality in Africa

Bruno Combal (Joint Research Centre)