



connecting earth, science, and people

Member Societies & Liaisons

AGI Member Society Council Meeting

April 7, 2014 – Houston, Texas

www.americangeosciences.org/member-societies



AAPG

Advancing the World of Petroleum Geosciences™

American Geophysical Union

- **Announced a new open-access journal, Earth and Space Science**, marking AGU's first journal focused on the presentation and interpretation of key Earth and solar system data sets and observations, and our second new open-access journal in 12 months.
- **Achieved record attendance at the 2013 Fall Meeting**, including 22,000 registrants, 6900 students, 2600 judged posters and travel grant support for more than 230 students.
- **Elected 62 new AGU Union Fellows, including 13 new female Fellows**, AGU's largest ever class of female Fellows.
- **Launched 3 community inspired challenges as part of the Thriving Earth Exchange** – which connects local communities with the technical resources and funding sources needed to address issues related to climate change, natural resources, and natural disasters.
- **Secured dates for the 3rd annual Science Policy Conference – 16-18 June, 2014** – which will bring together policymakers, scientists and thought leaders to discuss how science can and should inform critical policy decisions.

Board on Earth Sciences and Resources (BESR)

Selected reports in 2013-14 (free PDF downloads at <http://www.nap.edu/>):

- Development of Unconventional Hydrocarbon Resources in the Appalachian Basin: A Workshop
- Preparing the Next Generation of Earth Scientists: An Examination of Federal Education and Training Programs
- Underground Engineering for Sustainable Urban Development

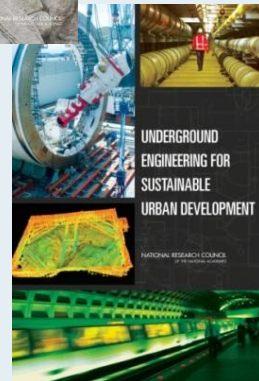
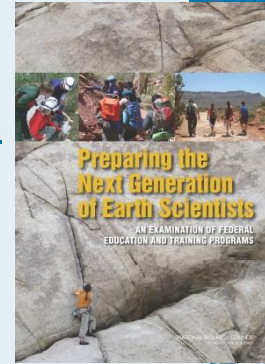
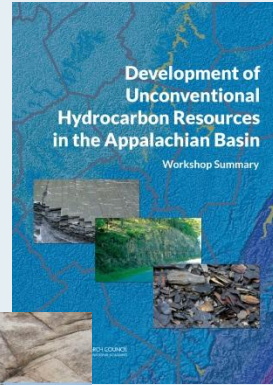
Video on induced seismicity: <http://www.youtube.com/watch?v=Uuh9IHavdvc>

Studies underway:

- Characterization, monitoring, and remediation of fractured rocks
- Earthquake induced soil liquefaction assessment
- Transformative research in the geographical sciences: A workshop

In development:

- Unconventional hydrocarbon development: A roundtable
- Increasing resilience to wildland fire





48th US Rock Mechanics | Geomechanics Symposium | 1 - 4 June 2014

Program includes 250+ papers/posters on 24 technical topics

Sixth Annual MTS Lecture plus six keynote speakers

Three workshops on testing, geothermal reservoirs, and "how to present"

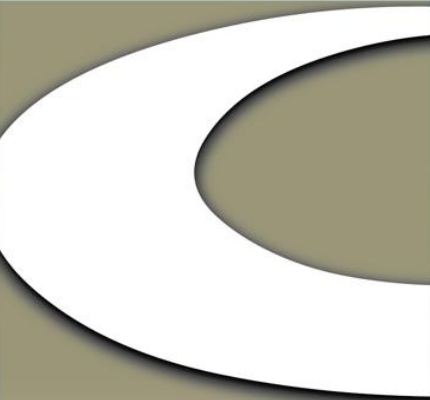
Short courses on Foundations and Multiphysical Geomechanics

Special Event: Evolution of Rock Mechanics in the U.S.

Four technical tours

Five Minnesota Enjoyment Events

Exhibit Booth and Sponsorship Opportunities Available



THE
CLAY
MINERALS
SOCIETY

- ▶ INTERNATIONAL ORGANIZATION
 - ▶ *CLAYS AND CLAY MINERALS*
- ▶ ANNUAL MEETING
 - ▶ ONLINE ACCESS TO THE ARCHIVED JOURNALS AND SPECIAL PUBLICATIONS
- ▶ SOURCE CLAYS REPOSITORY
 - ▶ AWARDS/LECTURES
- ▶ RESEARCH AND TRAVEL GRANTS FOR STUDENTS

■ STUDY OF CLAYS & CLAY MATERIALS

■ ANNUAL MEETING

■ MEMBERSHIP

■ CMS ORGANIZATION

- COUNCIL

- EXECUTIVE COMMITTEE

- STANDING COMMITTEES

■ *ELEMENTS* - MEMBERSHIP MAGAZINE

■ SOURCE CLAYS

■ EDUCATIONAL RESOURCES



geochemical society

- 8.7% increase in annual membership since 2000*
- 9.5% increase in annual Goldschmidt conference registration since 2000**
- International. 4,191 members in 68 countries
- 7,600+ subscribers to weekly e-newsletter (*Geochemical News*)
- 2,100+ likes on www.facebook.com/geochemsoc

* Compounded Annual Growth: 1,416 in 2000 to 4,191 in 2013.

** Compounded Annual Growth: 1,000 in 2000 to 2,968 in 2012.



THE
GEOLOGICAL
SOCIETY
OF AMERICA

- Celebrated the Society's 125th Anniversary in 2013
- GSA Annual Meeting- 19-22 October 2014 in Vancouver, BC
- Membership Stands at 26,400
- 69 Associated Societies
- Dr. Marjorie Chan, 2013–2014 Distinguished International Lecturer
- Launched “On to the Future” Diversity Initiative to bring 125 diverse, first time students to the GSA Annual Meeting in Denver. Will maintain the program for Vancouver

Science - Stewardship - Service



- AGI to collect bibliographic data from the GSL Library's collections to populate the GeoRef database
- GeoScienceWorld ebook project library trial launched. Full launch in June 2014 (1000+ books, 250 from GSL)
- Major conference on the geoscience of shale gas in March brought together geologists with decision-makers from industry and government. We were honoured to welcome Nick Tew, AGI President, as a guest speaker
- *Geology for Society*, a major new report on the ways in which geology contributes to the economy, resource provision, quality of life and environmental protection published along with extensive online resources (www.geolsoc.org.uk/geology-for-society)



Geoscience Information Society

- Purpose – to manage, preserve, and disseminate geoscience information in cooperation with scientists and other professionals.
- Issues of Concern:
 - Educating geoscience information users to effectively locate, assess, use, and manage geoscience literature.
 - Respect for Intellectual Property through proper citation, collection development and management.
 - Access to publications, information & data.
 - Preservation of information & data.



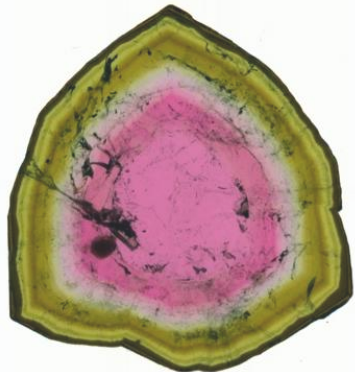
International Association
of Hydrogeologists
**UNITED STATES
NATIONAL CHAPTER**



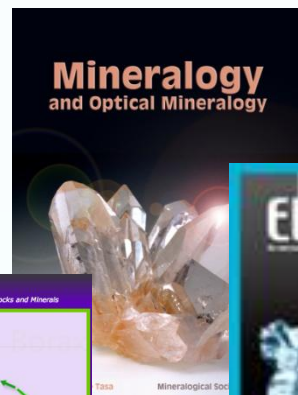
- Worldwide scientific and educational organization: promotes groundwater research, management, and protection
- Publishes *Hydrogeology Journal*
- Annual conference: Global IAH Congress
- Forum for global perspectives on groundwater and hydrogeological issues
- Sponsors students and developing country members
- Joins AGI, GSA, & others: united voice for geoscience promotion and education

www.iah.org





Mineralogical Society of America



Mineralogy 4 Kids The BEST Place to Learn about Rocks and Minerals

MSA's Rockin' Internet Site

- MINERAL GROUPS >
- MINERAL PROPERTIES >
- ALL ABOUT CRYSTALS >
- MINERAL IDENTIFICATION >
- MINERALS IN YOUR HOUSE >
- MINERAL GAMES >

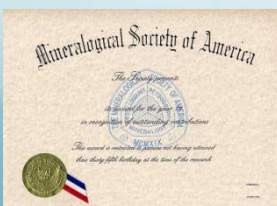
The Rock Cycle

Weathering
Sedimentary Rocks
Metamorphic Rocks
Igneous Rocks
Magma

Contact Us
Author: Vicki Harber
Questions: Alex Speer

Mineralogical Society of America
www.minsocam.org

Awards
Sponsored by Science Education Award (SEA)
Mineralogy 4 Kids page



REVIEWS in MINERALOGY & GEOCHEMISTRY Volume 76

THERMODYNAMICS OF GEOTHERMAL FLUIDS

EDITORS: Andri Stefánsson, Thomas Driesner, and Pascale Bénézh

MINERALOGICAL SOCIETY OF AMERICA
GEOCHEMICAL SOCIETY
Series Editor: Jodi J. Rosso

2013 ISSN 1529-8466





National Association of Geoscience Teachers

- New Teacher Education and Geoscience Education Research Divisions established
- Two-year College Division continues to grow and thrive
- NAGT and On the Cutting Edge join forces to enhance professional development offerings
- Speaking out for geoscience education on teaching evolution, climate change, science standards and more
- NAGT membership increases

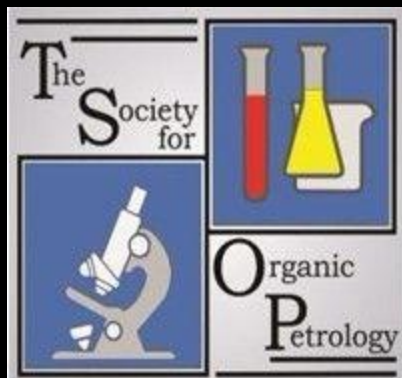


National Association of State Boards of Geology

- **COMMITTEE ON ACADEMIC ASSESSMENT** - Development of the *Curriculum Performance Assessment Tool (CPAT)* to be used by U.S. academic institutions that use the ASBOG® Fundamentals of Geology (FG) as an assessment/exit examination for graduating senior-level geology/geoscience students.
- **COMMITTEE ON ETHICS** - Survey of state Member Boards on the enforcement of codes of professional ethics and resources available for this activity. Formulating survey of U.S. and Canadian-licensed geoscientists as to the importance of professional ethics in licensed practice.
- **COMMITTEE ON EXAMINATIONS** - Work with Task Analysis Survey (TAS) Subcommittee to finalize and implement 2015 TAS.
- **COMMITTEE ON INTERNATIONAL RELATIONS** - Continue interaction with Canadian counterparts to enhance U.S./Canada cooperative licensure/mobility programs.
- **COMMITTEE ON PUBLIC RELATIONS** - Continue outreach to professional organizations to encourage Affiliate Organization and International Organization membership in ASBOG® and subsequent participation in the Council of Examiners (COE) Workshops by licensed geologists/geoscientists.
- **COMMITTEE ON UNIFORM PROCEDURES** - Development of an "*Association Records Program*" to assist geologists in maintaining professional licensure records and in obtaining timely licensure in other states through cooperative licensure methods (*reciprocity, comity or endorsement*).

News from NCKRI

- Conducting research to improve safety and reduce costs and environmental impacts for oil and gas drilling in karst.
- Hosted three international karst research and management conferences in 2013. Hosting the USGS Karst Interest Group Workshop in late April 2014.
- Completed a nationwide survey of cave and karst resources, research, management, and educational/interpretive programs throughout the US National Park system.
- Teaching international workshops on the management of karst aquifers.



established 1984

www.tsop.org

TSOP Council (2014)

President : Judith Potter

Treasurer : Mike Avery

Editor : Rachel Walker

Vice President : Shifeng Dai

Secretary: Jingle Ruppert

Councillors : Magda Misz-Kennan
Jesse Carrie

The Society for Organic Petrology (TSOP) provides a forum for the exchange of scientific research carried out by geoscientists, chemists, and engineers working in fossil fuels and environmental sciences. While the focus is on Organic Petrology, TSOP advocates for a multidisciplinary approach to the study of Sedimentary Organic Matter in coal and hydrocarbon source rocks, as well as bitumens, other forms of carbons, natural and synthetic cokes; and fly ash. TSOP members are also involved in studies of mineral matter associated with sedimentary organic matter and palynological research related to energy and environmental issues.

- Best Student Oral Presentation at the 2013 TSOP Meeting in Sosnoweic, Poland: **Kondla, Danielle. et al.** *Geochemical and Organic Petrological Analysis of a Lower Jurassic shale-oil interval in the Western Canadian Sedimentary Basin:*
- Best Student Poster Presentation at the 2013 TSOP Meeting in Sosnoweic, Poland: **Smolarek , Justina, L. Marynowski & Y. Hautevelle:** *Perylene degradation during gradual onset of organic matter maturation - examples from the Podhale Basin, Poland*
- **TSOP 31st Annual Meeting :** *Sept. 28 – Oct 3, 2014, Sydney, Australia.*

SOCIETY OF ECONOMIC GEOLOGISTS



- Building Exploration Capability for the 21st Century
 - Conference, September 27-30, 2014, Keystone, Colorado, USA
- SEG Education and Training Curriculum
 - 30 courses and field trips offered worldwide
- Student Grants and Fellowships
 - More than \$0.5 million awarded annually
- New SEG Member Benefits
 - e-Docs of books and special issues of Economic Geology
 - Geofacets-SEG Millennium Edition at special price to members



For more information, please visit
www.segweb.org



Society of Mineral Museum Professionals

OUR MISSION

- To foster recognition of mineral science collections as essential scientific, educational and cultural resources
- To promote support for growth, maintenance and use of collections and exhibits
- To advance museum practice through cooperation in the development, review and dissemination of information

www.smmp.net

VISION

Assuring a healthy and sustainable planet through our soils.

MISSION

To advance soils as fundamental to life.

**Annual Meeting, November 2-5, 2014,
Long Beach, CA**
Grand Challenges, Great Solutions

GOALS

Promote soil science ...

- education to a broad audience
- research
- as a profession

2015

International Year of Soils

Declared by the 68th United Nations General Assembly