



FÉDÉRATION EUROPÉENNE DES GÉOLOGUES
EUROPEAN FEDERATION OF GEOLOGISTS
FEDERACIÓN EUROPEA DE GEÓLOGOS

GEONEWS JUNE 2009

Info and news from EFG, European Legislation Process, events and funding related to the Panel of Experts and EFG members:

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1. EFG NEWS

EFG Board Elections

During the last EFG Council Meeting held in Dublin, Ireland on 15-17 May 2009 the election of two new Board Officers took place: President and EU Delegate.

The UK National Association (GeolSoc) nominated Ruth Allington for the post of President and the Italian National Association (CNG) nominated Marino Trimboli for the post of European Delegate within the EFG Board.

Both were elected to the respective posts.

Personal contact from EFG Board members can be found on the EFG web, About EFG, Board:

<http://www.eurogeologists.eu/index.php?page=159>

2. EFG EUROPEAN PROJECTS

GEOTRAINET FIRST TRAINING COURSE: Training Course for Trainers in Ground Source Heat Pump Systems, Uppsala, Sweden, 10-12 June 2009

The Geotrainet project is supported by the European Commission: IEE programme – Altener, to establish a European training framework for GSHP designers and drillers. The long-term aims of the project include the raising of standards in this growing industry



with a view to the protection of the environment and to a high quality for the consumers:

www.geotrainet.eu

These training courses will be of interest to those with experience in the design and installation of shallow geothermal systems AND in the delivery of training and dissemination of these subjects to practitioners:

- trainers of designers
- trainers of drillers

Participants will be provided with the presentation material to assist in development of training courses in their own countries.

This will be part of an ongoing process towards raising and

Intelligent Energy  **Europe**

coordinating national and international standards in GSHP systems.

EURO-AGES Project

The project aims at developing Europe-wide applicable quality standards and criteria for the assessment of higher education programmes in geology in the context of the Bologna Process.

EUROAGES

The first step in the project is an Empirical Study, which consist of mapping of the existing qualifications for geology in formal, non-formal and informal settings and their links to national qualification systems.

To achieve this, the EURO-AGES Project is working on the creation of a **database of the Higher Education Institutions (HEI) in Europe.**



Lifelong Learning Programme

You are kindly invited to provide us with all relevant information you have.

Please send it to the following mail address: adela.aparicio@naturalsciences.be

Your support is very much appreciated!

3. EFG WORKSHOP

Press release from Natural Resources Reporting Workshop

At Dublin Castle 15/05/2009, the Minister of State Conor Lenihan TD met with the Institute of Geologists of Ireland and their international counterparts and praised them for their work in adopting professional standards for the geology sector. **“The existence of professional standards strengthens confidence in the exploration and mining sector in Ireland – they are vital as we continue to attract investment in this area.”**

The workshop was organized by the Institute of Geologists of Ireland, in association with the European Federation of Geologists, the Geological Survey of Ireland, the Geological Survey of Northern Ireland, the Irish Association for Economic Geology and the Irish Mining and Quarrying Society.

The purpose of the Forum was to review the current reporting codes and identify ways to strengthen and improve them.

Reporting codes developed by individual countries have now been harmonized and thus provide clarity on the size and value of ore deposits.

The main principles governing the operation and application of the harmonized code are transparency, materiality, competence, and impartiality.

Protocols have been drawn up and these are receiving increased acceptance from both investors and mining companies.

“For ten years, the Institute of Geologists of Ireland has seen impressive developments in the exploration and mining sector in Ireland. Their work, along with their international counterparts will ensure good practice and guidelines for their members”, said Minister Lenihan.

“I am delighted to see such an international representation attending the conference. Such broad attendance from Europe, United States, Canada and Russia gives good opportunity to discuss mineral resource reporting codes operating in different jurisdictions. Working together will underpin our success in this area.”

For further information please contact:

John Clifford at 087 9573754, cliffordconsultants@eircom.net or Eibhlín Doyle at 087 6368367, eibhlin.doyle@gsi.ie

4. GENERAL NEWS

Events

➤ **Green Week 2009.** 23-26 June, 2009. Brussels, Belgium. The biggest annual conference on European environment policy turns the spotlight this year on the multi-faceted challenges of climate change.



- What are the prospects for reaching a new global deal to control climate change at the crucial Copenhagen conference in December?
- How can we best 'climate-proof' our economies against the impacts of present and future climate change?
- How can we create a carbon-free society by 2050?
- How can we ensure action to address climate change best serves conservation of the ecosystems that support life on Earth?



These are some of the many questions Green Week 2009 will be examining in three days of discussion and debate between high-level speakers from Europe and beyond. Green Week

is a unique opportunity for exchanges of experience and good practice. Some 3,500 participants are expected from EU institutions, business and industry, non-governmental organizations, public authorities, the scientific community and academia.

More information: <http://ec.europa.eu/environment/greenweek/>

➤ **9th International Multidisciplinary Scientific Geo-Conference & Expo SGEM 2009.** 14-19 June 2009. Albena Complex, near to Varna city, Bulgaria. The new reality of global changes requires new knowledge concerning environmental, economic and social issues. In this regard the International Multidisciplinary Scientific Geo-Conference and Expo – SGEM (Surveying Geology & mining Ecology Management) considers the questions concerning geology and mining, oil and gas, geophysics, geodesy and mine surveying, photogrammetry and remote sensing, cartography and GIS, informatics, geoinformatics, micro and nanotechnologies and innovations, hydrology and water resources, air and climate, water and forest ecosystems, soils resources, renewable energy, nuclear technologies, ecology and environmental protection, environmental economics and legislation in accordance with the principles of sustainability.

More information: <http://www.sgem.org/>

➤ **Scientific Culture, Communication, Gender - An Innovative Challenge for Women Scientists.** 25-26 June 2009. Brussels, Belgium. The creation of the European Research Area (ERA) as endorsed by the Lisbon Council in March 2000 has as its main goal to deeply root knowledge in society and free Europe's knowledge potential in all its dimensions, in people, infrastructures, organizations, funding, knowledge circulation and global cooperation. One of the strengths of ERA will be its ability to educate, attract and retain excellent women and men researchers from a diversity of backgrounds. More information:

http://www.epws.org/index.php?option=com_content&task=view&id=413&Itemid=4545

Call for proposal

➤ **New call for Marie Curie Industry-Academia Partnerships and Pathways.** The Marie Curie IAPP scheme aims to foster long-term cooperation between public and private research by stimulating the mobility and training of researchers on one side, and on the other side, by enabling enterprises, and more specifically SMEs, to benefit from the expertise of renowned scientists.

Identifier: FP7-PEOPLE-2009-IAPP

Publication Date: 24 April 2009

Budget: € 65 000 000

Deadline: 27 July 2009 at 17:00:00 (Brussels local time)

More information:

http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.PeopleDetailsCallPage&call_id=201

➤ **Fifth urban research symposium- Cities and climate change: Responding to the urgent agenda.** 28-30 June 2009. Marseille, France. Launch of a survey on anyone carrying out scientific research on Cities and Climate Change. The detailed programme is now available, as well as the new simplified programme. The Symposium will feature 8 teams of commissioned

researchers, 8 plenary sessions, 10 invited sessions, about 150 papers in 33 parallel sessions, 4 side events (on June 27 and July 1st), posters and an exhibition area. The programme for the side event "Climate and Mediterranean Cities" and "Launch: Eco2 Cities" is now available. A separate registration is required. Initial data is now available on the speakers and the attendance of the Symposium. Registration is now available! More than 500 proposals, coming from about 80 countries, were received for the call for papers. More information: <http://www.urs2009.net/index.html>

5. CO₂ GEOLOGICAL STORAGE

EFG at ZEP: The long-term R&D outlook report on Carbon Capture and Storage

The task force technology of ZEP (European Technology Platform for Zero Emission Fossil Fuel Power Plants) took upon itself the task to prepare a document that describes the long-term research and development needs regarding carbon capture and storage. This document is expected to become an important background document for defining the priority areas in the EU-framework programmes. For many people involved in CCS, it will also provide a very useful overview of the key barriers and the expected time frames for maturation of the individual technical aspects.



EFG's panel of experts on CO₂ geological storage is a member, and has provided fundamental input in the chapters on transport and storage of the document. The efficiency of EFG's network when reviewing the draft documents comes from the complementary fields of expertise of its members, and the different national viewpoints. As a result, recommendations from our side have all passed without much discussion. The preparation of the report has necessitated several ZEP meetings throughout Europe. Our CO₂ panel of experts is able to reduce cost and time (and CO₂ emissions) by taking turns in participating in the meetings.

The last meeting in June was hosted by the Geological Survey of Belgium and the European Federation of Geologists. Around 30 experts on capture and storage gathered in Brussels. This meeting proved to be the final face-to-face discussion for the capture experts. However, the discussions on storage were not concluded. The general outlines of the R&D priorities were agreed upon, but detailing these and putting them in a correct time frame will require additional work. The combined capture-transport-storage report will be compiled by the end of June, and is likely to be open ended for the storage chapters. This will allow for the necessary improvements during an additional couple of months.

This is in itself a remarkable evolution. ZEP is essentially a platform steered by the power sector, and emphasis was usually on capture technologies. The storage part of the story is increasingly, also thanks to the support of EFG, being rightfully addressed. This of course means additional work for bringing the storage aspects to the forefront of the research and development scene.

The panel of experts on CO₂ geological storage from EFG is still very young, and has been operating as an individual entity for less than a year. Our strength within ZEP is that one voice speaks for many, and that written contributions and reviews are well considered by a group of experts. We are actively seeking to expand our group. If you are interested or would like to propose a candidate, please contact Kris Piessens or Isabel Fernandez, EFG Office Director.

www: www.eurogeologists.eu and go to panels of experts

e-mail: Kris.Piessens@naturalsciences.be or : efgbrussels@gmail.com

6. GEOTHERMAL ENERGY

Events

➤ **Effstock 2009 - The 11th International Conference on Energy Storage.** 14-17 June 2009. Stockholm, Sweden. Effstock 2009 gathers the world's leading specialists, academic researchers, design professionals, manufacturers, environmental consultants, developers, utility personnel, engineers and architects within the field of energy efficiency through energy storage. This cost-effective and eco-friendly technology will be demonstrated in existing applications as well as future developments at the conference.

- How will our buildings be efficiently heated and cooled in the coming years?
- How do we optimize utilization of natural energy sources?
- How will we save the environment while saving money and increasing productivity?

These are vital questions to us all. Government officials, politicians and executives will be present at Effstock 2009 to learn more about how Energy Storage is part of the answer. More information: <http://www.effstock2009.com/>

➤ **Geothermal Panel - European Technology Platform for renewable heating and cooling: Kick-off meeting.** 26 June 2009. Brussels, Belgium. The European Commission has officially established and endorsed the European Technology Platform for Renewable Heating and Cooling (ETP-RHC). Four panels have been created within ETP-RHC: solar thermal, biomass, geothermal and cross cutting issues (district heating, storage, cooling...). The interested parties will be invited to submit an Expression of Interest to become member of the Geothermal Panel's Steering Committee. European Technology Platforms (ETPs) are instruments created by the European Commission to bring together stakeholders in technology to strengthen Europe's leading position in certain technological fields. ETPs are expected to have a decisive influence on European R&D politics. The Platform intends to elaborate detailed research strategies within the next two years. More information: <http://www.egec.org/>

Call for proposal

➤ **Intelligent Energy – Europe.** At a time when world leaders are exploring the options for restoring consumers' confidence and giving new stimulus to the global economy, here is a tangible opportunity for forward-looking organizations in the EU to create new jobs and help to tackle climate change.

Publication Date: 06 April 2009

Total commission budget: € 65 million

Deadline: 25 June 2009 at 17:00:00 (Brussels local time)

More information: http://ec.europa.eu/energy/intelligent/call_for_proposals/index_en.htm

Attend Eco-innovation Info Day. 20 April 2009. Brussels, Belgium. The Eco-innovation European Info Day which will be held in Brussels on 20 April will be the opportunity to learn more about the forthcoming call for proposals with its approximately € 32 million funds available for projects in the area of recycling, buildings, food & drink and green business. Register today on: http://ec.europa.eu/environment/etap/ecoinnovation/events_en.htm



7. HYDROGEOLOGY

Events

- **Singapore International Water Week.** 22-26 June 2009. Singapore. The Singapore International Water Week is the global platform for water solutions. It brings policymakers, industry leaders, experts and practitioners together to address challenges, showcase technologies, discover opportunities and celebrate achievements in the water world. The annual event features the Water Leaders Summit, Water Convention, Water Expo and Business Forums as well as the presentation of the Lee Kuan Yew Water Prize for innovative contributions in solving the world's water problems. More information: <http://www.siwv.com.sg/>
- **2nd International Conference on Water Economics, Statistics, and Finance.** 3-5 July 2009. Alexandroupolis, Thrace, Greece. An international conference is being arranged that will focus on economic, financial and statistical aspects of water and sanitation. This conference is intended to make a major contribution to the transfer of knowledge from research to practice covering the entire water cycle, ultimately influencing major policy decisions. More information: http://www.soc.uoc.gr/iwa/iwa_page.php?IWAdoc
- **Micropollution & Ecohazard 2009 6th IWA/GRA.** 8-10 June 2009 San Francisco Bay Area, California, USA. Specialized Conference on Assessment and Control of Micropollutants/Hazardous Substances in Water. This International event is the first comprehensive conference to profile the latest developments in the detection, risk assessment, treatment and regulation of micropollutants in all environmental media by the world's top experts. More information: <http://www.grac.org/micropolagenda.pdf>
- **Interpretacion Hydrochemical Analysis.** Use program INAQUAS. 18 June 2009. Spain. Language Spanish. More information: <http://www.icog.es/portal/formacion/formacion.asp>

8. SOIL PROTECTION AND GEOLOGICAL HERITAGE

Events

➤ **Management of Natural Areas and geodiversity.** 8-12 June 2009. Spain. Language. Spanish. More information: http://www.icog.es/_portal/formacion/formacion.asp



➤ **XIV International Clay Conference.** 14-20 June 2009. Castellaneta Marina (TA), Italy. The Associazione Italiana per lo Studio delle Argille (AISA), on behalf of the Association Internationale pour l'Etude des Argiles (AIPEA), is pleased to invite you to the 14th International Clay Conference. Share your ideas and knowledge on the boundless world of micro and nanoparticles, the Mare Magnum of the Sciences. More

information: <http://www.14icc.org/>

➤ **IV Course Contaminated Soil.** 26-30 June 2009. Spain. Language Spanish. More information: http://www.icog.es/_portal/formacion/formacion.asp

9. OIL & GAS

Events

➤ **OGA 2009. 12th Asian Oil, Gas & Petrochemical Engineering Exhibition.** 10-12 June 2009. Kuala Lumpur, Malaysia. OGA 2009 showcases world-class technology and services in the oil and gas industry and creates networking channels between exhibitors and trade visitors, providing opportunities to establish new partnerships. It is a platform for all the professionals, experts and industry specialists of the oil and gas industry to discuss and gather information on the current technology and innovation. More information: <http://www.oilandgas-asia.com/>

➤ **Caspian Oil and Gas Exhibition Incorporating Refining and Petrochemicals,** 2-5 June 2009, Baku (Azerbaijan). The exhibition and conference are held under the patronage of the President of the Azerbaijan Republic, His Excellency Mr. Ilham Aliyev. The Ministry of Industry and Energy and the State Oil Company of the Azerbaijan Republic (SOCAR) provide official support. More information: <http://www.today.az/news/business/51806.html>

10. JOB OPORTUNITIES

🔗 **Post-Doc POSITION:**

Job Title: Post-Doc Position

Location: [Department of Geosciences, Princeton](#)

Job description: The successful applicant will have a Ph.D. in terrestrial or planetary geophysics, geodesy, global hydrology, seismology, or a related field at the time of commencing employment. A solid background in statistics, inverse theory, numerical analysis, and computer programming will be required, and a familiarity with satellite data analysis, e.g. of the Gravity Recovery and Climate Experiment (GRACE) mission, will be desirable.

More information: <https://jobs.princeton.edu/applicants/j...77.7054769>

↳ **GEOLOGIST:**

Job Title: Graduate Student

Location: UBC Okanagan in Kelowna, B.C. and at The University of Manitoba in Winnipeg

Job description: You are undertaking a collaborative research project examining water resources at the watershed scale. Seeking M.Sc. level graduate student.

More information: <http://www.hydroforum.com/phpbbforo3/viewtopic.php?f=3&t=1057>

If you want to find more offers for employment, visit the section 'Job and Funding'>>'Job Opportunities' on our webpage (<http://www.eurogeologists.eu/index.php?page=143>) Here you can find several links from our members or another organizations.