



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

## GEONEWS JULY 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

**Documents from the Natural Resources Reporting Workshop celebrated in Dublin in May are already available on the EFG website!**

The EFG, the Institute of Geologists of Ireland (IGI), the Committee for Mineral Reserves International Reporting Standards (CRIRSCO) and the Irish Association for Economic Geology (IAEG) co-hosted the Natural Resources Reporting Workshop in Dublin on 15 May 2009.

The workshop reviewed the international reporting standards for mineral resources and mineral reserves and discussed other financial and regulatory issues of importance to the natural resources sector.

NOW, you can find all the presentations on:

[http://www.eurogeologists.eu/index.php?page=153#DUBLIN\\_MAY09](http://www.eurogeologists.eu/index.php?page=153#DUBLIN_MAY09)

## 2. EFG EUROPEAN PROJECTS

**GEOTRAINET SECOND TRAINING COURSE: Training Course for Drillers in Ground Source Heat Pump (GSHP) System**

A training course for Drillers in Ground Source Heat Pump (GSHP) System will be held in Dublin, Ireland, 28-29 September 2009.

For more information: [www.geotrainet.eu](http://www.geotrainet.eu)



The first training course offered by the GEOTRAINET Project was held in Uppsala, Sweden, 10-12 June 2009.

The course called Training the Trainers had a very good evaluation from the participants.

The course was attended by 43 participants from 11 EU countries. The course lasted 25 hours, taught by 10 European Experts from the Geotrained Experts platform.

The material, content and evaluation by the participants will be the base reference for the Curricula on Designers and Drillers developed by the project.

Intelligent Energy  Europe

### **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 the relevant information you have.

Please send it to the following mail address: [adela.aparicio@naturalsciences.be](mailto:adela.aparicio@naturalsciences.be)

**Your support is very much appreciated!**

## **3. GENERAL NEWS**

### **Events**

➤ **ICOG celebrates Geologist's Day.** 3-4 July, Spain. The Spanish National Association of Geologists (ICOG) organizes the Geologist's Day annually and professional geologists take part in academic and scientific events. In future, the event will take place in the last week in June or the first week in July each year.

For more information: [http://www.icog.es/\\_portal/noticias/noticias.asp?bid=1139&ini=1](http://www.icog.es/_portal/noticias/noticias.asp?bid=1139&ini=1)

➤. **MAEGS 16 - Meeting of the Association of European Geological Societies**, Cluj-Napoca, Romania. July 9-13, 2009

Theme: Geology for society: education and cultural heritage.

More information: <http://bioge.ubbcluj.ro/maegs16>

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

## 4. GEOTHERMAL ENERGY

➤ **European Technology Platform for renewable heating and cooling (ETP-RHC) - Geothermal Panel.**

The kick-off meeting of the platform took place on June 26, 2009 in the Renewable Energy House in Brussels.



EFG attended this meeting as a 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.

The aims of the geothermal panel are to:

- Strengthen the awareness of the huge potential of geothermal technologies in contributing to a sustainable energy infrastructure
- Increase R&D activities in the geothermal sector
- Accelerate the development of geothermal technology
- Create conditions for a broad dissemination of advanced geothermal technologies.

More info: <http://www.egec.org/>

## 5. HYDROGEOLOGY

### Events

➤ **2<sup>nd</sup> 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. The conference is being planned by the IWA Statistics & Economics Specialist Group with the co-operation and sponsorship of the Department of Environmental Engineering of the Democritus University of Thrace, the Department of Economics of the University of Crete and IWA.

Access to water and sanitation and also sustainable management of water resources are key issues in the world today, and have for some time been a focus of the IWA Statistics & Economics Specialist Group.

In addition, the International Water Association, representing the views of the global network of water professionals, has made the exchange of scientific and professional experiences between academics and practical water industry managers one of its pivotal aim. 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](http://www.soc.uoc.gr/iwa/iwa_page.php?IWAdoc)

## 6. CLIMATE CHANGE

### Events

➤ **5th International Conference on Fractals and Dynamic Systems in Geosciences.** 13-14 August 2009, Jupiter's Hotel, Townsville, Australia

**New Deadline for Abstract submission and early bird registration - 1st July!**

Fractals, multifractals, non-linear processes and dynamic systems are increasingly important ways to analyse data and understand processes in Earth and environmental sciences. Assessment and management of resources and risk benefit especially from these techniques. The aim of this conference is to present the latest research and techniques in fractals and dynamic systems with emphasis on rock deformation, mineral and hydrocarbon resources and risks posed by Earth systems. Fractures, fabrics, fluid flow and instabilities in deformed rocks will be covered. Applications to resources could include mineral potential mapping and evaluation, predicting the size and number of undiscovered hydrocarbon reservoirs, mineral processing, geothermal energy, and environmental conservation. Areas of risk include climate (cyclone/hurricane forecasting, paleoclimates, climate change), volcanoes, earthquakes, landscape hazards, floods and wildfires. The conference also welcomes general contributions on applications of fractals and dynamic systems in the Earth and environmental Sciences, as for the previous four successful conferences in this series.

More information: <http://www.jcu.edu.au/5frac>

## 7. MINERALS

### Events

➤ **Engineering Solutions for Sustainability: Materials and Resources.** 22-24 July 2009, Lausanne, Switzerland.

The American Institute of Mining, Metallurgical and Petroleum Engineers (AIME) and the AIME Member Societies the Society of Petroleum Engineers (SPE); The Minerals, Metals, and Materials Society (TMS); the Society for Mining, Metallurgy and Exploration (SME); and the Association for Iron and Steel Technology (AIST) are hosting this international event in conjunction with the American Society of Civil Engineering (ASCE) and the American Institute for Chemical Engineers (AIChE).

With impending and burgeoning societal issues affecting both developed and emerging nations such as India and China, the global engineering community has a responsibility and an opportunity to truly make a difference and contribute. This workshop will focus on what materials and resources are integral to meeting basic societal needs in critical areas such as:

- Energy
- Food and water
- Transportation
- Recycling
- Housing
- Health

More information: <http://www.spe.org/events/aime/index.html>

## 8. 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](https://jobs.princeton.edu/applicants/j...77.7054769)

### 🔗 **HYDROLOGIST:**

*Job Title:* Hydrology Jobs - Environmental Compliance Hydrologist

*Location:* Richland, Washington

*Job description:* Currently recruiting for numerous contract positions located in Richland, WA. Previous Hanford Site experience desired, but not required

*More information:* <http://www.gethydrologyjobs.com/jobid152340.html>

↳ **HYDROLOGIST:**

*Job Title:* Hydrology Jobs - Hydrology Post Doc

*Location:* Calgary, Alberta, Canada

*Job description:* Post-doctoral fellow who can take a lead role in the watershed-scale modelling of groundwater in bedrock aquifers and its interaction with surface water in Alberta, Canada.

*More information:* <http://www.gethydrologyjobs.com/jobid157899.html>

↳ **HYDROLOGIST:**

*Job Title:* Hydrogeology Jobs - Groundwater Modeling Unit Supervisor

*Location:* Phoenix, Arizona

*Job description:* This position is responsible for the supervision of the Arizona Dept. of Water Resources Groundwater Modeling Unit.

*More information:* <http://www.gethydrologyjobs.com/jobid158457.html>

*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.*