



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

## GEONEWS SEPTEMBER 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

➤ **European Geologist 28.** The editor of European Geologist, Dr Maureen McCorry, is asking for help providing articles or news items for inclusion in the magazine. The deadline for contributions is 30 September 2009, and the theme will be: "Mining in Europe – its Future?" For more information please contact Dr McCorry at [Harper-McCorry@net.telenor.dk](mailto:Harper-McCorry@net.telenor.dk)

### 2. EFG 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)



### 3. GENERAL NEWS

#### Events

➤ **First World Young Earth-Scientists Congress 2009.** Beijing, China. 25-28 October 2009. The Young Earth-Scientist (YES) Network, under the patronage of UNESCO, is organizing the First World Congress, which is focused on young earth scientists (under the age of 35), and earth science professionals. The Congress will be focusing on connecting young earth-scientists, young political leaders, representatives of organizations and associations across the world.

More information: <http://www.yescongress2009.org/index.php>

Paper on "The Professional Title of European Geologist: A Successful Example of a Global Passport for Geologists", by Manuel Regueiro, EFG Past President:

<http://www.yescongress2009.org/RoundtableDetails/RoundtableSpeakers.html#Regueiro>

➤ **2nd International Symposium on the Geology of the Black Sea Region.** Ankara, Turkey. 5-9 October 2009. The Second International Symposium on the Geology of the Black Sea Region, organized jointly by the General Directorate of Mineral Research and Exploration (MTA) of Turkey (<http://www.mta.gov.tr>) and TMMOB Chamber of Geological Engineers (<http://www.jmo.org.tr>) will cover the geology of the circum-Black Sea regions and the Black Sea itself.

More information: <http://www.mta.gov.tr/isgb/>

➤ **International Event on Greening Education.** Karlsruhe, Germany. 30 September - 2 October 2009. This three-day event will walk environmentally responsible groups through the need for greening education (Ecologizing Education), followed by discussions regarding effective initiatives that need to be taken to provide sustainable knowledge; skills, values and practices in classrooms and communities. Further topics on greening education will include ecologizing curricula (incorporating sustainability in curricula), greening delivery of courses (sustainability-compatible education delivery) and low carbon education institutions.

More information: <http://www.etechgermany.com/GreeningEducationEvent.pdf>

➤ **The VIII International Symposium on Environmental Geochemistry (VIII ISEG).** Ouro Preto City, Brazil. 18-23 October 2009. The Brazilian Congress on Geochemistry (CBGq) takes place every 2 years, and the next edition will take place in Ouro Preto – Minas Gerais together with the VIII International Symposium on Environmental Geochemistry. The XII CBGq/VIII ISEG is a forum for discussion and scientific experience exchange in all topics of the congress.

More information: <http://www.12cbgq.ufop.br/12cbgq/presentation.htm>

➤ **International conference on Geoscience for Global Development.** Dhaka, Bangladesh. 26-31 October 2009. This International Conference is intended for exchanging ideas, concepts and activities in geosciences, as well as recommending ways and initiatives for sustainable global development.

More information: <http://www.geoscied.org/GeoDevFirstAnnouncement.doc>

➤ **William Smith Meeting 2009: Environment, Pollution and Human Health.** London, UK. 21-23 September 2009. This conference aims to bring together “traditional” geoscientists (geochemists, hydrogeologists, engineers, geophysicists, mineralogists) and scientists outside traditional earth sciences (toxicologists, microbiologists, physicists, chemists) from both academic and industrial communities to present and discuss the state-of-the-art in the understanding of environmental pollution and the potential threats to human health. The meeting may also act as a forum for research projects supported under the joint Environment and Human Health programme.

More information: <http://www.geolsoc.org.uk/page4598.html>

➤ **StandarDays.** CEN-CENELEC Meeting Centre, Brussels, Belgium. 27, 28 October 2009. A two day information session consisting of an introductory plenary meeting, which explains the different aspects and tasks of CEN – European Committee for Standardization – (day 1) and interactive, in-depth workshops (day 2).

More information: <http://www.cen.eu/cenorm/aboutus/standarddays/sd7.asp>.

## **Publications**

➤ **Geological Characterization of Cataclastic Rock Samples Using Medical X-ray Computerized Tomography: Towards a Better Geotechnical Description.** Thesis from Pierre Guillaume Christe, Switzerland EFG Delegate.

The thesis demonstrates how rock mass characterization procedures in tectonized geological settings could benefit from an overall closer collaboration between engineers and geologists (inter-disciplinary approach).

The full thesis can be found at: <http://library.epfl.ch/theses/?nr=4316>

## 4. RENEWABLE AND GEOTHERMAL ENERGY

### Events

➤ **GeoThermal Regulation – Heat (GTR-H) Conference.** Dublin, Ireland. September 30, October 1, 2009. The purpose of the conference is to enlighten attendants of the implementation of the European Directive on Renewable Energy Sources and the National Renewable Energy Action Plans, with a focus on geothermal energy.

More information: <http://www.gtrh.eu/gpage6.html>

➤ **Geothermics day.** Mons, Belgium. 9 October 2009. The Geothermics Day proposes to discuss the potential, the challenges and the opportunities of geothermal through speeches by experts, a discussion forum and a visit to the active geothermic site of Saint-Ghislain.

More information: <http://www.geothermicsday.be/>

➤ **The 3<sup>rd</sup> European Renewable Energy Conference.** Brussels, Belgium. 16-17 November 2009. Organized by EREC in cooperation with the EU Swedish Presidency, the Conference will serve as a meeting place for European renewable energy industry representatives and decision makers, as well as providing a unique opportunity for the sharing of ideas, for discussion and for interaction between the Renewable Energy Industry and the newly formed EU Institutions.

More information: <http://www.erec.org/policyconference2009>

### Publications or Legislation

➤ **Report on laboratory measurement of thermal conductivity of rocks.** 20 May 2009, Norway. The Geological Survey of Norway issued a new report on their accumulated experiences of laboratory determination regarding thermal conductivity of rocks. The full report can be accessed at this address:

[http://www.ngu.no/upload/Publikasjoner/Rapporter/2008/2008\\_050.pdf](http://www.ngu.no/upload/Publikasjoner/Rapporter/2008/2008_050.pdf)

➤ **Working for the Climate: Renewable Energy and the Green Job [R]evolution.** The renewable power industry could support 6.9 million jobs by 2030, if world leaders seize the opportunity to invest in a greener future by securing a strong treaty at December's Climate Summit in Copenhagen, according to a report launched by Greenpeace International and the European Renewable Energy Council (EREC).

More information: <http://www.greenpeace.org/international/press/reports/working-for-the-climate>

## 5. CO<sub>2</sub> SEQUESTRATION

### European Technology Platform for Zero Emission Fossil Fuel Power Plants (ZEP)



Dr. Deirdre Lewis (P.Geo, Eur.Geol) attended the ZEP Workshop on Costs of CCS in Berlin on 14/9/09,

representing the EFG. In Berlin, pan-European ZEP delegates engaged in trying to determine real costs for the full chain of carbon capture, transport, storage and public communications. Most of the focus was on clustering of large power point sources in central and northern Europe, captured to shared transport networks and piped to mainly onshore, but also offshore, storage sites. In this cluster model, there are many indeterminate factors in relation to regulation, monitoring and stewardship, particularly in transnational situations.

### **Call for proposal**

FP7-ENERGY-2010-1:

AREA ENERGY.5.2: CO<sub>2</sub> STORAGE

Projects in this area should address the safety of geological CO<sub>2</sub> storage at all timescales, the liability issues, for different kinds of CO<sub>2</sub> storage underground, e.g. saline aquifers, depleted oil or gas fields, enhanced oil or gas recovery, enhanced coal bed methane.

Topic ENERGY.2010.5.2-2: **Trans-national cooperation and networking in the field of geological storage of CO<sub>2</sub>**. This network should build a credible and independent and representative body of expertise in the field of geological storage of CO<sub>2</sub> through the lasting and durable networking of research capacity in all relevant EU Member States and Associated Countries.

Date of publication: 30 July 2009

Deadline: 15 October 2009 at 17.00.00, (Brussels local time)

Indicative budget: EUR 54 million from the 2010 budget

For more information, please visit the following link:

[http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call\\_id=227#infopack](http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=227#infopack) – expand “Information Package” and select “Work Programme 2010 - Energy”

## **6. NATURAL HAZARDS**

### **Events**

➤ **Civil Protection Forum: Towards a more resilient society.** Brussels, Belgium. 25-26 November 2009. The conference will aim to explore the concept of resilience, in relation to the preparation for increasing numbers of disasters, caused by climate change.

More information: [www.civilprotectionforum.eu](http://www.civilprotectionforum.eu)

### **Publications**

➤ **EU climate scientist casts doubt on geo-engineering.** An Article about Frank Raes, head of the climate change unit at the European Commission's Joint Research Centre, opposing short-term solutions to the overwhelming problem of deforestation, climate change and about not to try futuristic geoscientific methods as opposed to existing softer ones.

More information: <http://www.euractiv.com/en/climate-change/eu-climate-scientist-casts-doubt-geo-engineering/article-185287>

## **7. MINERALS**

### **Events**

➤ **Workshop on The New Finnish Natural Resources Strategy.** Brussels, Belgium. 23 September 2009. The workshop will focus on the new Finnish Natural Resource Strategy and explore its potential for replication at pan-European level.

More information: <http://www.epe.be/Default.aspx?p=100&n=104&a=51>

- **Conference on Sustainable Mineral Resources within EU.** Luleå, Sweden. 12-14 October 2009. The conference will treat the subject of European higher education and research on metallic and mineral raw materials. The conference is a response to the Raw Materials Initiative and aims at presenting a declaration on how future initiatives related to R&D and education in response to the RMI can be implemented within the EU.



For invitations and more information please visit: [www.ltu.se/smr09](http://www.ltu.se/smr09)

- **The Mining Příbram Symposium, The International Section on Geoethics.** Příbram, Czech Republic. 12-16 October 2009. The Mining Příbram Symposium has been specializing in international meetings on geoethics – application of ethics in the fields of geology, mining and energy – since 1992.

More information: <http://www.bgs.ac.uk/agid/Downloads/GeoethicsNewsJune2009.pdf>

- **The International Mine Water Conference.** Pretoria, South Africa. 19-23 October 2009. Jointly hosted by the Water Institute of Southern Africa's Mine Water Division, and the International Mine Water Association, this Conference will enable persons throughout the world who have an interest in mine water management to learn first-hand how these 21st century challenges are being tackled.

More information: <http://www.wisa.org.za/minewater2009.htm>

### **Publications**

- **Mineral Exploration Using IKONOS & GEOEYE Geological Packages.** Geoscientific Geological Packages have been designed to give the client an all-encompassing Geological Desktop Study of any Area of Interest on the Globe. Our Geological Packages are used for the locality detection of all types of Mineral Resources and can be used and utilized in all types of applications. Our Geological Packages are based on the clients' Area of Interest and final costing of the product is based on the total amount of square kilometres of this Area.

More information: [http://www.geoscientific.net/geological\\_packages.php](http://www.geoscientific.net/geological_packages.php)

## **8. OIL AND GAS**

### **Events**

- **The Polar Geosciences Conference and Exhibition.** Moscow, Russia. 30 September - 2 October 2009. AAPG and RosGeo (Russian Geological Society) are combining their expertise to provide Arctic explorers with a unique event focused on the circum-Arctic basins that are within the Russian, Norwegian, Greenlandic (Danish), Canadian and Alaskan onshore and offshore basins.

More information: <http://www.allworldexhibitions.com/industry.asp?id=12>

- **The 7th International Oil and Gas Exploration, Production and Refining Exhibition.** 14-17 October 2009. Jakarta, Indonesia. Equipment for the Offshore/Onshore Petroleum Industry, Exploration Technology, Natural Gas Conveyance, oil Conveyance, Refineries, Plants and Machinery for the Petroleum and Gas Industries.

More information: <http://www.allworldexhibitions.com/industry.asp?id=12>

## 9. JOB OPPORTUNITIES

### ↳ GEOLOGIST

*Job Title:*

- Geologist
- Hydro Geologist
- Engineering Geologist
- Environmental Scientist

*Location:* Modesto, USA

*Job description:* Proficient and understandable within the English language.

We are an environmental consulting company based in Modesto, CA with 20 years experience.

We offer competitive wages and a complete benefit package including a retirement program.

*More information:* <http://www.gethydrologyjobs.com/environmental-geologist-modesto-california-296545.htm>

### ↳ GEOLOGIST

*Job Title:* Project Manager Environmental Site Remediation

*Location:* San Luis Obispo, USA

*Job description :* Services range over environmental oil and gas impact assessment, site investigations and characterizations of all media, remedial design, remedial actions, application of innovative remedial technologies, risk assessment, remedial process optimization, long-term monitoring and reporting, regulatory interface and closure.

*More information:* <http://www.gethydrologyjobs.com/project-manager-environmental-site-remediation-san-luis-obispo-california-293567.htm>

### ↳ GEOLOGIST

*Job Title:* Senior Staff Geologist/Project Manager

*Location:* Tukwila, USA

*Job description:* BS in geology, environmental science, environmental engineering or other applicable sciences and 2-3 years experience required. Professional license and 40 Hour OSHA HAZWOPER training preferred.

*More information:* <http://www.gethydrologyjobs.com/sr-staff-geologist-project-manager-tukwila-washington-290193.htm>

### ↳ GEOLOGIST

*Job Title:* Senior Geoscientist

*Location:* Houston, USA

*Job description:* The Senior Geoscientist will work closely with the Manager of Land and Business Development, and will be heavily involved in prospect evaluation and acquisition review and will be asked to help identify opportunities in both conventional and non-conventional basins.

*More information:* [http://www.energycareers.com/view\\_job.php?id=45](http://www.energycareers.com/view_job.php?id=45)

### ↳ GEOLOGIST

*Job Title:* Geologist, Reservoir Description

*Location:* Dallas, USA

*Job description:* Conducting and directing integrated reservoir description studies. Employing compositional simulation to assist in the design and management of CO<sub>2</sub> floods.

*More information:* [http://www.energycareers.com/view\\_job.php?id=44](http://www.energycareers.com/view_job.php?id=44)

↳ **GEOLOGIST**

*Job Title:* Senior Geologist

*Location:* The Gulf States

*Job description:* The appointees will be assigned to an International Project Team and will also be required to undertake overseas business trips to asset locations.

*Deadline:* 11 October 2009

*More information:* <http://www.earthworks-jobs.com/oil/ama158.html>

↳ **GEOLOGIST**

*Job Title:* Exploration Interpretation Geophysicist

*Location:* India

*Job description:* Technical work, functional leadership, technical and business management as well as networking and liaison.

*Deadline:* 10 October 2009

*More information:* <http://www.earthworks-jobs.com/oil/lever9091.html>

↳ **HYDROGEOLOGIST**

*Job Title:* Hydrogeologists and Senior Hydrogeologists with experience in modelling, hydrogeological logging, structural mapping, aquifer testing and drilling supervision

*Location:* Lanseria, South Africa

*Job description:* Field work and modelling in RSA and the neighbouring states, as well as liaison with international associates

*More information:* <http://www.gethydrologyjobs.com/senior-hydrogeologists-lanseria-south-africa-298007.htm>

↳ **HYDROGEOLOGIST**

*Job Title:* Principal Hydrogeologist

*Location:* Various - Australasia, New Zealand

*Job description:* Involvement with hydrogeological, contaminated land and site remediation projects

*More information:* <http://www.gethydrologyjobs.com/principal-hydrogeologist-auckland-various-australasia--296553.htm>

↳ **HYDROGEOLOGIST**

*Job Title:* Intermediate – Senior Hydrogeologist

*Location:* Calgary, Canada

*Job description:* Play a key role in a wide variety of physical hydrogeology projects

*More information:* <http://www.gethydrologyjobs.com/intermediate-senior-hydrogeologist-calgary-canada-296538.htm>

*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 organisations.*