



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

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## 1. EFG News and News from EFG projects

### Events:



### [Workshop](#) on "Geology at different education levels in Europe" organized by EFG and the Hungarian Geological Society, Budapest, Hungary, 19 May 2011.

The annual meeting of the European Federation of Geologists will be held in May 2011 at Budapest and is accompanied by a workshop on the subject of education in the area of geology. Both oral and poster presentations concerning any educational level are expected. The main achievements of the Euro-Ages project ([www.euro-ages.eu](http://www.euro-ages.eu)) will also be presented during the workshop. Furthermore, a fieldtrip to the Balaton Lake and the Bakony-Balaton Geopark will be proposed on 20 May. The area of the catastrophic red sludge spill will also be visited. For more information please contact the coordinator Eva Hartai at [foldshe@uni-miskolc.hu](mailto:foldshe@uni-miskolc.hu).



### EFG participated as partner in the first PanGeo Kick-Off Meeting, 1-2 March 2011.

The objective of PanGeo is to enable free and open access to geo-hazard information in support of GMES. This will be achieved by the generation of a validated Geohazard Data Layer supported by a Geohazard Summary for 52 of the largest towns listed in the GMES Land Theme's Urban Atlas involving all 27 countries of the EU. More information related to this new project can be found at the [EFG website](#).



### **4th International Professional Geology Conference, Vancouver, Canada, 22-24 January 2012.**

EFG will be co-convenor of this 4th IPGC with the theme "Earth Science - Global Practice".

More information: <http://www.ccpq.ca>

## **2. General News**

### **Events:**

#### **GeoReg, Forum de la Fédération Française des Géosciences, Villeneuve d'Ascq, 23-27 October 2011.**

The GeoReg Forum is devoted to all geosciences and addressed to academic scientists, associations, museums, cultural centres, teachers, etc. The event aims at studying and presenting geosciences from a regional point of view, mostly from the French and neighbouring regions (UK, Belgium, Luxembourg, Germany, Switzerland, Italy, Spain).

The deadline for registration is **31 May 2011**.

More information: <http://geosystemes.univ-lille1.fr>

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#### **Courses 2011, Escuela de Geología Profesional del ICOG.**

The Spanish School of Professional Geology presents its [draft programme](#) of courses for continuing education in geology that will be held in 2011. All dates indicated in this agenda are still susceptible to further modifications.

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#### **Courses 2011, BDG-Bildungsakademie e.V.**

The academy for continuing education in geology of the German BDG proposes several [workshops](#) from May to December 2011. Amongst others the topics concern geothermal energy, the evaluation of natural mineral deposits or the issue of radon gas. A special early bird discount is offered if you register two months before the date of the course.

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#### **Shell London Lecture Series 2011.**

The full programme 2011 of this series of talks hosted by the Geological Society of London is now available online: [www.geolsoc.org.uk/shelllondonlectures11](http://www.geolsoc.org.uk/shelllondonlectures11)

## **3. Geology and sustainable energy**

### **Events:**



#### **EU Sustainable Energy Week, 11-15 April 2011.**

Organised by the European Commission's DG for Energy, the European Agency for Competitiveness and Innovation (EACI), the European Institutions, major energy actors and private companies, the EUSEW 2011 celebrates smart energy for a sustainable future. In April hundreds of events taking place in all parts of Europe will explain, promote and discuss energy

efficiency and renewable energy.  
More information: <http://www.eusew.eu>

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**Sustainable Earth Sciences 2011, Technologies for Sustainable Use of the Deep Sub-surface, Valencia, Spain, 8-11 November 2011.**

The first Sustainable Earth Sciences Conference and Exhibition has opened its call for papers. You can submit your abstract on the topics of CO<sub>2</sub> Storage, Deep Earth Storage or Geothermal Energy before **15 April**.

For more information please visit the event's website: <http://www.eage.org>

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**Publications:**

**Hall, A., Scott, J.A. & Shang, H. (2011) Geothermal energy recovery from underground mines. Renewable and Sustainable Energy Reviews. 15: 916-924.**

Scientists have reviewed the potential for worldwide development of geothermal energy systems in old, unused mines. The technology is proven in many sites and could therefore help increase the share of renewable energy sources in the energy mix, offering sustainability and job creation, which may make mining operations more appealing to investors, communities and policymakers.

Contact: [jascott@laurentian.ca](mailto:jascott@laurentian.ca)

## 4. Natural Hazards

**Publications:**

**Commission Staff Working Paper. Implementation Plan of the EU Strategy for supporting disaster risk reduction in developing countries, 16 February 2011, [SEC\(2011\) 215 final](#).**

During the last years the [EFG Panel of Experts on Natural Hazards](#) was implicated in the public consultation on disaster risk reduction in developing countries initiated by the European Commission's DG Development. This consultation aimed at gathering views and opinions on DDR in the context of development cooperation, with the view of developing an EU Strategy. In February 2011 the "Implementation Plan of the EU Strategy for supporting disaster risk reduction in developing countries 2011 - 2014" has been adopted and duly transmitted to the Council.

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**European Environment Agency (2010) Mapping the impacts of natural hazards and technological accidents in Europe - An overview of the last decade.**

A new report published by the European Environment Agency (EEA) concludes that the number and impacts of disasters have increased in Europe during the last decade. The report assesses the frequency of disasters and their impacts on humans, the economy and ecosystems and calls for better integrated risk management across Europe.

You can download the report from: [www.eea.europa.eu/publications/](http://www.eea.europa.eu/publications/)

## 5. Minerals

### Events:

**Canada - EU Mining Council: How Europe can Secure a Fair and Sustainable Supply of Raw Materials from Global Markets, Brussels, 24 March 2011.**

The first pillar of the European Commission's Communication on Commodities and Raw Materials highlights the importance of securing a safe and sustainable supply of raw materials from global markets. This meeting will bring together representatives from the European Commission, the European Parliament, civil society, business, multilateral institutions and national governments to discuss in detail how this can be implemented.



**A perspective on the metals and mining industry, K.U. Leuven, Belgium, 25 March 2011.**

This seminar is organised on the initiative of the research groups "Applied Geology and Mineralogy" and "Metallurgy and Materials engineering" (K.U. Leuven) and of McKinsey&Company.

Please register at: [ees.kuleuven.be/geology/metalsandmining](http://ees.kuleuven.be/geology/metalsandmining)



**10<sup>th</sup> International Congress for Applied Mineralogy (ICAM), Trondheim, 1-5 August 2011.**

Delegates are invited to submit online a preliminary abstract in English compliant with any of the 10<sup>th</sup> ICAM themes. All authors will also be asked to submit a poster accompanying their presentations.

The registration for this event will start by 25 March.

More information: <http://www.icam2011.org>

### Publications:

**Sustainable Production and consumption of mineral resources – integrating the EU's social agenda and resource efficiency, Wrocław, 20-22 October 2011.**

The new deadline for submitting articles abstracts is **15 April 2011**.

More information: <http://www.meeri.pl/pbs/konferencja/>

## 6. Engineering Geology

### Events:

**Four Short Courses in Rock Mechanics/Engineering Geology, Vienna, Austria, 4-10 June 2011.**

The themes of these four courses are

"Block Theory & Applications for Surficial and Underground Rock Excavations",

"Rock fracture Geometry characterization and network modeling in 3-D including validations",

"Rock Slope Stability Analyses" and

"Measurement and Quantification of Joint Roughness, Normal Deformation, Peak Shear Strength, Aperture and Fluid Flow through Single Joints"

The deadline for registration is **30 April 2011**. If you are interested in any of the short courses please send an email to [kulatila@u.arizona.edu](mailto:kulatila@u.arizona.edu).



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**EngeoPro-2011, Moscow, Russia, 6-8 September 2011.**

This international conference on "Environmental Geosciences and Engineering Survey for Territory Protection and Population Safety" (EngeoPro-2011) will deal with problems in environmental geoscience, engineering geology and hydrogeology.

Please note that the deadline for submitting abstracts has been postponed until **31 March**.

More information: <http://www.engeopro2011.com>

## 7. Education in Geology

### Events:

**International Conference "The Future of Education", Florence, Italy, 25-26 June 2011.**

This conference subsidised by the European Commission's Lifelong Learning Programme has the objective to promote transnational cooperation and good practice in the field of innovation for education.

More information: <http://www.pixel-online.net>

## 8. Job Opportunities

**MAVA, assured environmental solutions (Belgium) proposes two vacant positions in its soil analysis department**

**Job Description:** The first position ([project collaborator](#)) is mainly open for students in their last year of technical or scientific studies.

The second position ([project manager](#)) is open for a Dutch-French bilingual who already has some years of experience in the soil and environmental sector.

Students that are looking for a summer job and who appreciate working outside can also contact MAVA for a job in their field teams.

**More information:** <http://www.mava.be>

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## **12 PhD researcher positions - "Changing Hydro-meteorological Risks – as analyzed by a new generation of European scientists"**

**Job Description:** A series of 12 Ph.D positions, financed by the European Community, are available within the European Marie Curie Initial Training Network "CHANGES". The CHANGES network will develop an advanced understanding of how global changes (related to environmental and climate change as well as socio-economical change) will affect the temporal and spatial patterns of hydro-meteorological hazards and associated risks in Europe; how these changes can be assessed, modelled, and incorporated in sustainable risk management strategies, focusing on spatial planning, emergency preparedness and risk communication.

**More information:** <http://www.earthworks-jobs.com/climate/mariecurie11021.html>

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### **Postdoctoral Fellow Position in Geological CO<sub>2</sub> Storage Geochemistry**

**Location:** University of Calgary (Alberta, Canada)

**Job Description:** The Applied Geochemistry Group in the Department of Geoscience at the University of Calgary proposes a postdoctoral fellow (PDF) position to conduct innovative research on geochemical aspects related to secure CO<sub>2</sub> storage in geological formations. The research will involve field based geochemical tracing of injected CO<sub>2</sub> coupled with laboratory experiments investigating chemical and isotopic patterns resulting from brine-rock-CO<sub>2</sub> interactions. In addition it is planned to input the obtained geochemical and geophysical information from selected field pilots into reservoir models to advance our ability to describe the extent and the phase distribution of injected CO<sub>2</sub> in the target reservoirs.

**Qualifications:** Candidates should have experience in aqueous geochemistry pertaining to water-rock interactions. Experience in isotope geochemistry and/or with geochemical or reservoir models is an asset. The ability to work in an interdisciplinary team environment and fluency in English are essential. At the time of appointment, candidates must have completed all requirements for their PhD within the past 3 years preferably in geology, chemistry, geochemistry or a related field.

**Contract conditions:** Initially one-year term appointment with possibility of renewal for another 1,5 years. Remuneration will vary between \$44,000 and \$50,000 Canadian dollars per annum dependent on experience.

**Contact:** Applicants should send a CV, description of research interests, and three reference letters to: Maurice Shevalier, Department of Geoscience, University of Calgary, 2500 University Drive NW, Calgary, Alberta, Canada T2N 1N4 or to [Maurice@earth.geo.ucalgary.ca](mailto:Maurice@earth.geo.ucalgary.ca). Review of the submissions will start on 1 March 2011 and will continue until the position is filled.

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**[Lecturer \(docent\) or Senior Lecturer \(hoofddocent\) in the field of sedimentary systems analysis](#)**

**Location:** Department of Geology and Soil Science at Ghent University (Belgium)

**Job Description:** The Department of Geology and Soil Science has a vacancy for a position of autonomous academic staff (professorship) in sedimentary geology, to be filled no later than 1 October 2011. The successful candidate will be responsible for teaching several courses in sedimentary geology, both at bachelor (in Dutch) and master (mostly in English) level, and will conduct research in the field of siliciclastic sedimentary systems analysis.

**Contact:** Prof. Marc De Batist (Head of Department; [Marc.DeBatist@UGent.be](mailto:Marc.DeBatist@UGent.be)) or Prof. Patric Jacobs ([Patric.Jacobs@UGent.be](mailto:Patric.Jacobs@UGent.be))

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I hope you enjoyed reading our monthly newsletter.

We would be pleased to receive your comments or indications of events relevant to the geological profession in Europe.

Kind regards,  
EFG Office

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