



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

GEONEWS APRIL 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 EUROPEAN PROJECTS

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



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 coordinating national and international standards in GSHP systems.

EURO-AGES, The European Accredited Geological Study Programmes-Project

The European Federation of Geologists is participating in a European Qualifications Framework (EQF) Project from Lifelong Learning Programme, DG Education and Culture.

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. During the coming two years framework standards will be developed and tested for their validity and applicability through discussion with stakeholders and related networks. The project would like to reach the largest possible consensus among the relevant stakeholders. It aims at:

- Supporting improvement of the quality of higher education in geology
- Facilitating mutual recognition by programme validation and certification
- Facilitating recognition of accredited degrees in geology higher education in accordance with the EU directives and other agreements
- Supporting academic as well as professional mobility of geology graduates
- Establishing a relationship with the qualification profile required by the EURGEOL title.

The first stage of the project has already started with the elaboration of a questionnaire, which has been distributed to EFG Members, national geological associations. The aim of this phase is to compile as much information as will be possible about the current state of geology programs and qualification frameworks and to achieve this, questions about general information of the associations, the geological profession and the Bologna process have been made.

2. EFG WORKSHOP

Events

➤ **Natural Resources Reporting Workshop.** Dublin, Ireland. 15 May 2009. 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) are co-hosting a Natural Resources Reporting Workshop in Dublin on 15 May 2009. The workshop will review the international reporting standards for mineral resources and mineral reserves and will discuss other financial and regulatory issues of importance to the natural resources sector. The workshop will be of benefit to those working in or associated with the natural resources sector, especially with the exploration, evaluation, reporting and financing of new discoveries. On the following days, the EFG Council Meeting will take place.

Programme and Registration: http://www.eurogeologists.eu/images/content/Dublin_09/Natural_Resources_Reporting_Workshop.pdf



3. GENERAL NEWS

Events

➤ **Evolution of the Continental Crust: The Janet Watson Meeting.** Field trip 22-27 May 2009. Conference 28-29 May 2009. London, United Kingdom. Studies from different scientific viewpoints have given rise to diverse visions of how the crust has evolved. This two-day meeting aims to bring together investigators pursuing these different scientific strands so as to stimulate a broad-based discussion of continental crustal evolution. More information: <http://www.geolsoc.org.uk/page4658.html>

➤ **Geophysics at the Cross-Roads. International Conference and Technical Exhibition** 10-16 May 2009. Belgrade, Serbia. The 5th Congress of BGS will also include new concepts; in addition to the Technical programme, an important side event, Energy, Economy and Environment, is incorporated. The world energy experts will come face to face with the top representatives of WB, UNESCO, UNDP, UNEP, but also with ministers of energy and environment from the Balkan countries. Geological storage of CO₂, an approach to mitigate climate changes, will be on the hot agenda. This is one of the Congress aims – to contribute towards achieving some of the UN Millennium Development Goals. More information: <http://www.agserbia.com/>

➤ **Conference on Sustainable Development: a challenge for European research.** 26-28 May 2009, Brussels, Belgium. This conference will celebrate the multiple ways through which European research contributes to global sustainable development: improved understanding of the environment, technological solutions, changing mindsets and behaviours, bearing in mind that it is also at the roots of unsustainable trends. More information: http://ec.europa.eu/research/sd/conference/2009/index_en.cfm

➤ **2nd International Seminar on Earthworks in Europe.** 3-4 June 2009. London, United Kingdom. This international seminar is to discuss and promote technical progress and understanding of recent developments/issues in the design and construction of earthworks in European countries. It will seek to:

- Promote the disciplines of Engineering Geology and Geotechnical Engineering in the design of earthworks
- Encourage dialogue between earthworks professionals throughout Europe and the enhancement of pan-European linkages and collaboration
- Facilitate discourse on national practices and the establishment of European standards
- Encourage an increase in coordinated European earthworks research

More information: <http://www.geolsoc.org.uk/page4425.html>

4. NATURAL HAZARDS

Call for proposals

➤ **Cooperation projects on preparedness and prevention.** The 2009 call for proposals for cooperation projects on prevention and preparedness in the field of civil protection covers **TWO** separate sections, each with its own objectives and specific budget: **Prevention** projects and **Preparedness** projects. The general notice was published in the [Official Journal of the European Communities](#), (2009/C 57) on 11 March 2009. The detailed criteria for applying for funding under this call, i.e. the [Grant application guide for Cooperation Projects on Prevention](#)

[and Preparedness 2009](#), the [administrative \(A\)](#), [technical \(T\)](#) and financial (F) forms 2009 are available by clicking on the corresponding links.

Prevention:

Contribute to the development of a knowledge-based approach on prevention. Prevent/mitigate long-term damage by improving risk assessment and management. Promote consistency in the “response-preparedness-prevention-remediation” chain by matching general policy and civil protection requirements.

Publication Date: 11 March 2009
Total commission budget: 2.25 Million €
Max co funding rate: 75 %
Max duration of the projects: 24 months
At least 2 Member States
Deadline: 18 May 2009 at 17:00:00 (Brussels local time)

Preparedness:

Exchange of information, experience, good practices and knowledge at increasing the performance of the civil protection actors; cross border civil protection cooperation and enhancement of the availability of civil protection modules and other resources.

Publication Date: 11 March 2009
Total commission budget: 1.4 Million €
Max co funding rate: 75 %
Max duration of the projects: 24 months
At least 3 Member States
Deadline: 18 May 2009 at 17:00:00 (Brussels local time)

You can find more information in the website and the other links:

http://ec.europa.eu/environment/civil/prote/call_prep_2009.htm

Specific Programme: Civil Protection Financial Instruments:

http://ec.europa.eu/environment/civil/prote/pdfdocs/call_2009/grant_guide.pdf

5. RENEWABLE AND GEOTHERMAL ENERGY

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



Events

➤ **5th International Congress for South-East Europe. Energy Efficiency and Renewable Sources. International exhibition EE & RES.** 6-8 April 2009. Sofia, Bulgaria. Europe is now a world leader in sustainable energy projects and improvements, and the Congress will emphasize the opportunities and common sense practices offered through these developments as well as their application in such a way that the potential for intelligent use of energy is fully exploited. The accelerated EE & RES activity in the Region of SE Europe during the last couple of years combined with industrial development and the economic growth promise an exciting **Congress & Exhibition** for manufacturers, experts, researchers, contractors and investors alike. More information: <http://viaexpo.com/congress-ee-vei/eng/congress.php> and <http://viaexpo.com/congress-ee-vei/eng/docs-web/ee-congress2009-eng.pdf>

➤ **RENEXPO Central Europe.** Budapest, Hungary. 16-18 April 2009. For the 3rd time, national and international experts meet in order to exchange know-how, present experiences from practice and offer advice gained through research and development and ensuring this knowledge is quickly transferred into action. More information: <http://www.renexpo-budapest.com/en/conference.html> and <http://www.renexpo-budapest.com/>

Call for papers

➤ The PROMITHEAS Network is organizing for the second year the International Scientific **“Black Sea Energy and Climate Policy Conference”** on 8-9 October 2009 in Athens (Greece). Conference Proceedings of abstracts will be published and distributed with the Conference Programme. Submitted papers will be reviewed for publication in a special issue of the *“Euro-Asian Journal of Sustainable Energy Development Policy”*, published by the PROMITHEAS network. Timetable:

Deadline for the submission of abstracts: 18 May, 2009

Notification of acceptance: 2 June, 2009

Deadline for submission of full paper: 14 July, 2009

More information: <http://www.kepa.uoa.gr/>

6. CO₂ SEQUESTRATION

➤ **STRACO₂ – CCS Regulation Workshop.** 23-24 April. Brussels, Belgium. The workshop will discuss the opportunities and challenges to CCS Regulation in the European Union and possibilities on future cooperation between the EU and China on this issue. More information: <http://www.euchina-ccs.org/media/docs/Brussels STRACO2 Workshop Agenda.pdf>

7. HYDROGEOLOGY

Events

- **Hydro-ECO 2009.** 20-23 April 2009. Vienna, Austria. 2nd International Multidisciplinary Conference on Hydrogeology and Ecology. Ecosystems Interfacing with groundwater and Surface Water. More information: <http://www.natur.cuni.cz/hydroeco2009/>
- **Course on Environmental Hydrogeochemical Modelling.** 4-8 May 2009. Barcelona, Spain. This Course is organized by the Amphos 21 ENRESA Chair on Sustainability and Waste Management at the Technical University of Catalonia. More information: <http://www.hydroforum.com/phpbbforo/viewtopic.php?t=1063>
- **Groundwater Recharge Assessment.** 20-21 May 2009. University of East Anglia, Norwich, United Kingdom. This meeting will consider recent progress in measuring and understanding recharge processes in a range of hydrogeological environments under both current and future climatic conditions. A number of influential researchers from the UK hydrogeological community will give presentations to provide an overview and focus for this meeting. More information: <http://www.geolsoc.org.uk/gsl/groups/specialist/hydro/page4938.html>
- **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.siww.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
- **Interpretation of pumping tests.** 19-20 May 2009. Spain. Language Spanish. More information: <http://www.icog.es/portal/formacion/formacion.asp>
- **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. 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>

Legislation

- **World leaders urged to link water to climate negotiations.** Business leaders attending this week's World Water Forum called on the international community to acknowledge the link between water, energy and climate change, encouraging them to take these up in global climate negotiations that are expected to be concluded this December in Copenhagen. More

information: <http://www.euractiv.com/en/climate-change/world-leaders-urged-link-water-climate-negotiations/article-180496>

➤ **New Flash Eurobarometer on Water shows large concern about the water environment among EU citizens!** The survey shows that as many as 2/3 of EU citizens say that quality and/or quantity of water is a serious problem. As many as 85 % of the population believe that there will be impact on water from climate change, but the feared threats vary across the EU. The activities of most concern to citizens are industrial and agricultural water use and pollution. On a positive note many EU citizens try to limit their own impact on the water environment. Although on average few of the citizens polled were aware of consultations on the draft River basin management plans, many expressed a wish to be active and express their opinions!. More information: http://ec.europa.eu/environment/water/participation/index_en.htm



Call for papers

➤ **International Mine Water Conference.** Deadline call for papers: **20 April 2009**. Conference: 19-23 October 2009. Pretoria, South Africa. South Africa, together with the rest of Africa, represents a critical resource for a wide range of minerals to drive the world economy. South Africa has a long history of mining and has limited natural water resources, leading to a situation where it also has a number of significant mine water related challenges. With over 10 000 km² of hydraulically interlinked coal mines and over 300 km of interlinked gold mines, mine water challenges are not only at local mine level but at regional level too. More information: <http://www.wisa.org.za/minewater2009.htm>

8. SOIL PROTECTION AND GEOLOGICAL HERITAGE

Legislation

➤ **Climate change: Commission dishes the dirt on the importance of soil.** A new report made public by the Commission, on 5 March 2009, underlines the crucial role that soils can play in mitigating climate change. The report, a synthesis of the best available information on the links between soil and climate change, underlines the need to sequester carbon in soils. The technique is cost competitive and immediately available, requires no new or unproven technologies, and has a mitigation potential comparable to that of any other sector of the economy. More information:

<http://europa.eu/rapid/pressReleasesAction.do?reference=IP/09/353&type=HTML&aged=0&language=EN&guiLanguage=en>

9. GEOPHYSIC

Events

➤ **Second International Seminar on Prediction of Earthquakes.** 23-24 April 2009. Lisbon, Portugal. Objectives:

- to provide a platform for meetings, discussion and exchange of views between specialists in earthquake forecasting
- to review the state-of-the-art concerning the existing possibilities of predicting mayor seismic movements and their intensities
- to identify the most promising lines of research and

- to examine the improvement of international cooperation in the field of earthquake prediction.

More information: <http://yearofplanetearth.org/content/downloads/portugal/Seminar2009.pdf>

➤ **5th Congress of Balkan Geophysical Society (BGS).** 10-16 May 2009. Belgrade, Serbia. The 5th Congress of BGS will also include new concepts; in addition to the Technical programme, an important side event, Energy, Economy and Environment, is incorporated. The world energy experts will come face to face with the top representatives of WB, UNESCO, UNDP, UNEP, but also with ministers of energy and environment from the Balkan countries. Geological storage of CO₂, an approach to mitigate climate changes, will be on the hot agenda. This is one of the Congress aims – to contribute towards achieving some of the UN Millennium Development Goals. More information: <http://www.agserbia.com/>

➤ **Course on geophysical prospecting.** 25-29 May 2009. Spain. Language Spanish. More information: <http://www.icog.es/portal/formacion/formacion.asp>

10. MINERALS

➤ **European Minerals Forum Debate.** 14 April 2009. Brussels, Belgium. The programme will include: EC Biodiversity Action Plan; the view of the Parliament on the 2010 Biodiversity Target and the Post 2010 Vision for the EC Biodiversity Action Plan; partnering with Environmental NGOs; the Extractive Industry's Biodiversity Contribution. More information: <mailto:euro.business@diql.pipex.com> or <mailto:info@europeanmineralsfoundation.org>

11. JOB OPORTUNITIES

🔗 GRANT FOR PROFESSORSHIP:

Job Title: Grant for Professorship

Location: Uppsala University

Job description: Zennström Philantropies has granted a generous multi-year grant for a visiting professorship in climate science at Uppsala University. The grant covers a full-time position for one year effectively, but can be used over a two year period. Please send CV, publication list and a research plan (max 5 pages) by e-mail to vicerektor@teknat.uu.se. **Deadline: June 1st 2009.**

More information: <http://www.teknat.uu.se/cms/node434>

🔗 GEOLOGIST:

Job Title: Sedimentologist/Stratigrapher Position

Location: Eastern Illinois University, USA

Job description: Assistant Professor with primary expertise in sedimentology and stratigraphy to begin August 2009.

More information: <http://tech.groups.yahoo.com/group/GeoSci-Jobs/message/3353>

🔗 GEOLOGIST:

Job Title: Geologist / Engineer

Location: Glastonbury, CT

Job description: Responsibilities include project management including environmental field investigations, construction management, data management and analysis, remedial design and implementation. Candidates will prepare reports and technical presentations, and perform client/regulatory agency liaison and communication.

More information: <http://www.gethydrologyjobs.com/geologist-engineer-glastonbury-connecticut-69061.htm>

🔗 GEOLOGIST:

Job Title: Geologist

Location: University of Tromsø, Norway

Job description: The hard rock research group at the University of Tromsø invites applications for a 3-year PhD position in a new research project "Strength and rheological evolution of the lower continental crust". The project includes the study of high temperature natural shear zones in Northern Norway and experimental rock deformation at elevated pressures and temperatures.

More information: <http://www.earthworks-jobs.com/geoscience/tromso9031.html>

🔗 GEOCHEMIST:

Job Title: Lecturer in Igneous Petrology and Geochemistry

Location: Christchurch, New Zealand

Job description: Applicants for this position will be expected to contribute to teaching at undergraduate and postgraduate levels, supervise postgraduate research students in the MSc and PhD programmes, and develop their own research programmes. Applicants must have a PhD and postdoctoral research in igneous petrology and geochemistry with a proven research and publication track record in this area. Evidence of a commitment to excellent teaching and outstanding research with potential or demonstrated ability to lead research programmes and gain external funding will be required.

More information: <http://www.earthworks-jobs.com/geoscience/canterbury9032.html>

🔗 GEOPHYSICIST:

Job title: Senior Geophysicist Aberdeen

Location: Aberdeen, Scotland

Job description: The ideal Geophysicist for this role will have at least 8 years of oil and gas industry experience. Preferably your experience will be of the North Sea but as this company has worldwide assets they will potentially look at candidates who don't have North Sea experience. You should be proficient with various types of industry software and be able to work as part of a large geosciences team.

More information: <http://www.earthworks-jobs.com/ec/ec283.html>

🔗 HYDROGEOLOGIST:

Job Title: Hydrology Engineer

Location: West Palm Beach, FL

Job description: Responsible for evaluating flow ratings at hydraulic structures. Willing to work in West Palm Beach area.

More information: <http://www.gethydrologyjobs.com/hydrology-engineer-west-palm-beach-florida-8339.htm>

🔗 HYDROGEOLOGIST:

Job Title: Geologist/Hydrologist

Location: Redding, CA

Job description: This position supports projects associated with site characterization and soil/groundwater remediation for various public and private sector clients. Projects include a mix of office and fieldwork responsibilities.

More information: <http://www.gethydrologyjobs.com/geologisthydrologist-redding-california-112536.htm>

↳ ENGINEER GEOLOGIST:

Job Title: Principal Geotechnical Engineer

Location: London, UK

Job description: You will have working experience in site investigations, carrying out detailed designs for a range of ground engineering solutions such as slope stabilization, earth retaining structures, foundations and report writing.

More information: http://www.earthworks-jobs.com/monarch/sb_job3322.html

↳ ENGINEER GEOLOGIST:

Job Title: Graduate Geotechnical Engineer

Location: United Kingdom

Job description: Enthusiastic geotechnical engineer, with some knowledge and experience of railway geotechnics, and a desire to engage fully in the delivery of all aspects of our projects from the design and supervision of ground investigations to the analysis and development of engineering solutions.

More information: <http://www.earthworks-jobs.com/geotech/la9031.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.