

European Federation of Geologists

GEONEWS October 2007

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1. GENERAL NEWS

News

-International Geoscience Programme (IGCP): Geoscience in the service of society

The IGCP is a cooperative enterprise of UNESCO and the International Union of Geological Sciences (IUGS) and has been stimulating comparative studies in the Earth Sciences since 1972. After three decades of successful work, the "International Geological Correlation Programme" continued, as "International Geoscience Programme". Up to now, IGCP has made research results available to a huge number of scientists around the world with about 400 projects.

For more information, please visit: <http://www.unesco.org/science/earth/igcp.shtml>

-The final LIFE+ application package is now available on the funding pages of this site.

<http://ec.europa.eu/environment/life/>

What is LIFE+?

LIFE+ is the European Union's financial instrument supporting environmental and nature conservation projects. The first annual call for proposals will be issued on 15 September 2007. In the current call € 187 Mio funding are available. The LIFE+ programme comprises three components:

- LIFE+ Nature & Biodiversity
- LIFE+ Environment Policy & Government
- LIFE+ Information & Communication.

This information sheet concerns Life+ Environment Policy & Government.

What is LIFE+ Environment Policy & Governance?

This programme contributes to, among others, the development of innovative technologies, methods, instruments and policy approaches.

It will focus on projects concerned with 12 priority areas: climate change, water, air, soil, urban environment, noise, chemicals, environment and health, waste and natural resources, forest monitoring, and the demonstration of innovative technologies generating potential environmental advantages. In 2007 climate change combating projects are the main priority.

What type of projects can be funded under LIFE+ Environment Policy & Governance?

Projects eligible for funding are, amongst others, demonstration and/or innovation projects, related to the above mentioned environmental objectives. A demonstration project puts into practice, tests, evaluates and disseminates actions/methodologies that are to some degree new or unfamiliar in the project's specific context (geographical, environmental, socio-economical), and that should be more widely applied elsewhere under similar circumstances.

It is beneficial when regional or local public administrations are involved in Life+ projects and assist in demonstration and/or dissemination activities. Projects can be either national or transnational, but the actions must exclusively take place within the territory of the 27 Member States of the European Union. Ideally, a project lasts 2-5 years.

Events

- Geological Society of America, (Annual Meeting), 28-31 October 2007, Denver, USA.

One of GSA's core missions is to advance the geosciences in the service of humankind. In keeping with that mission and GSA's motto, Science, Stewardship, Service, GSA has tied its 2007 Annual Meeting programme to the themes of the International Year of Planet Earth.

For more information, please visit: Web: <http://www.geosociety.org/meetings/2007/>
E-mail: meetings@geosociety.org

2. CO2 SEQUESTRATION

Publications

- Research to Develop New Policies for Carbon Sequestration Technology

Carbon capture and sequestration (CCS) is regarded as a key possible solution for reducing rising CO₂ emissions and combating climate change. It consists of capturing CO₂ emissions from fossil-fuel burning sources and injecting them into deep geologic formations. Nevertheless, there is still concern regarding the potential risks associated.

In a recent study, American researchers identified a list of technical and research issues that will have to be addressed in order to establish an adequate regulatory and legal framework for Geologic Sequestration. They also analysed case studies that reduced the uncertainties in two areas of research: surface leakage of CO₂ and groundwater quality. Finally, the authors discussed policy implications of the analysed case studies and suggested targeted research to support development of scientifically-based regulatory and legal frameworks.

Wilson E.J., Friedmann S. J., and Pollak M. F. (2007) « Research for Deployment: Incorporating Risk, Regulation, and Liability for Carbon Capture and Sequestration », Environ. Sci. Technol. 41 (17): 5945-5952

Contact: ewilson@umn.edu

3. NATURAL HAZARDS AND CLIMATE CHANGE

Events

- International Symposium on Future Climate, Impacts & Responses, 19 & 20 November 2007, Brussels, Belgium. (First announcement)

This symposium will bring together leading scientists on climate change from Europe and outside Europe. Its objective is to acquire knowledge and to discuss urgent research needs by considering key findings from the 4th Intergovernmental Panel on Climate Change (IPCC) Assessment Report and on-going EC funded research.

The sessions of the symposium will be organized around the following themes: Future climate-projections and uncertainties, impacts of climate change, and adaptation and mitigation strategies.

As the number of attendees is limited to less than 120, registration should be done through the secretariat **before the 30th October** (monica.caso-gonzalez@ec.europa.eu); Tel: +32 - 29 87378; Fax 32 2 299 57 55) by sending a registration form.

The announcement will soon be published on the Cordis website (<http://cordis.europa.eu/sustdev/environment/>) and further information will be updated there.

4. HYDROGEOLOGY

Events

- EPA- IGI Groundwater Source Protection Zone Delineation Course, 30 – 31 October 2007, Geological Survey of Ireland, Dublin.

Background and course aims

Delineation of source protection zones (SPZs) around wells and springs is a critical factor in protecting drinking water supplies. It is also relevant to the implementation of the WFD, assessing groundwater monitoring data from the national EPA network, Cryptosporidium risk assessments and producing Drinking Water Safety Plans. The aim of the course is to equip delegates with tools for SPZ delineation work, and impart knowledge gained through many years of work by the practitioners leading the course.

Course overview

This two-day course addresses the basics of source protection zone (SPZ) delineation using the Geological Survey of Ireland methodology as a template. Through a mixture of lectures, hands-on sessions and discussion, course attendees will be taken through the steps in the process, from desk study, via field work and data interpretation, to reporting. The steps are considered within the framework of the source conceptual model.

Who should attend?

Hydrogeologists and other groundwater practitioners working in the area of source development and protection zone delineation, county council personnel, planners and others involved in assessing source catchment zone work.

In order to acquire the registration form and information, please contact Christina Geraghty, Christina.geraghty@minerex.ie if you are interested in attending the course.

The number of places on this course are limited so **early booking** is advisable to avoid disappointment.

- 6th International Symposium on Managed Aquifer Recharge- ISMAR6, 28Oct-2 Nov 2007, Phoenix, USA.

The 6th Biennial International Symposium on Managed Aquifer Recharge — the world's preeminent conference devoted entirely to aquifer recharge. This event is being organized by the Arizona Hydrological Society (AHS) in partnership with IAH, ASCE / EWRI, and UNESCO. It will be held in Phoenix, Arizona, a well-known research and development center for managed aquifer recharge.

For more information, please visit: <http://www.ismar2007.org/>

5. GEOTHERMAL ENERGY

News

-Next Intelligent Energy Europe call for proposals to be published in January 2008.

Are you considering applying for IEE funding next year? The EACI expects to publish the next call in January 2008. Around **€50 million** will be available to fund projects and **up to 75% of the eligible costs** will be supported. More details on budgets, priorities, requirements, deadlines etc. will be added to the IEE webpage as they emerge. Please visit:

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

To help you apply for funding the EACI will organize a **European Info Day on 31 January 2008** during the 2008 EU Sustainable Energy Week. You can get more information and register from 1 October 2007 on www.eusew.eu.

6. ENGINEERING GEOLOGY

Events

-Sixth Asian Regional conference on Geohazards in Engineering Geology, 16-19 October 2007, Seoul, Korea.

This is the continuation of the Asian Regional Conference in collaboration with International Association for Engineering Geology and the Environment (IAEG) after the recent successful 5th meeting in Kathmandu, Nepal in 2005. The conference's main goal is to share knowledge and practical experience in dealing with geohazards in engineering geology, not only in Asia but also in other regions.

For more information, please visit: www.iaeg2007.org

- “Women in Engineering and Technology Research”, 26-27 October 2007, Paris, France.

This international conference is organized within the framework of the PROMETEA project (Empowering Women Engineers Careers in Industrial and Academic Research). The objective of the

conference is to gather specialists to exchange on gender issues in engineering and technology research careers and bring new perspectives on engineering and technology research in itself.

For more information, please visit: <http://www.prometea.info/conference2007/>

8. JOB OPPORTUNITIES

- Senior Resource Geologist

Location: UK

Requirements: Geology degree, plus Masters desirable.

Job Description: A large UK Consultancy Group requires an experienced Resource Geologist to work on 'Due Diligence' projects and act as 'Competent Person' on resource reports. Good knowledge of mining/geological software packages required. Liaison with clients and overseas travel will be part of the duties. Please quote Ref: PNEW3279.

- Mining Consultant

Location: UK

Requirements: Mining Engineering or Geology degree, plus relevant experience in the mining industry.

Job Description: Mining Expert required to work for a major finance bank to carry out 'Technical Evaluation of Projects'. Duties will include the assessment of the initial proposals and confirmation that the structure of the project is sound. Knowledge of all sections of mining operations that need to be assessed is required i.e., geological resource, mining method, ore processing, infrastructure, environmental impact, etc. This will require a professional with a broad based working background. Ability to scope the 'Terms of Reference' for a full audit by an external consultant is necessary. Ideally the candidate will also have worked as a consultant at some stage in their career. Financial modelling/assessment of projects will be required, so good software skills are an advantage. Based in London the candidate will be expected to travel overseas to evaluate mining projects 'on the ground'. Please quote Ref: PNEW3281.

Please email your c.v. to Sandie or Nick on: cv@hunterpersonnel.com

More jobs in the web: www.hunterpersonnel.com

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