

7th EUREGEO

Bologna | Italy | June 12th - 15th 2012

EUropean
Congress
on REgional
GEOscientific
Cartography
and
Information
Systems



Sustainable
Geo-Management



7th European Congress on Regional GEOscientific Cartography and Information Systems

Sustainable Geo-Management

From 12th to 15th June 2012, the 7th European Congress on Regional GEOscientific Cartography and Information Systems (EUREGEO) will be held in Bologna, Italy. It continues the dialogue started in 1994 by the Geological Surveys of the Bavaria, Catalonia and Emilia-Romagna regions. Once again it will serve as a platform for experts from regional and national geological surveys, universities, research institutes and decision makers – bridging the gap between scientific research and practical application. Under the subheading **Sustainable Geo-Management**, the Congress intends to offer the geo-scientific community, which constitutes the largest ever living database of information about the past and present of planet Earth, the opportunity to illustrate its effort towards building a sustainable world. The geo-scientific community has to

contribute to this huge transformation, improving its capability to deliver the data, information and knowledge required for decisions in politics and public administration. Today, as always, Geological Surveys all around the world have a duty to help achieve these goals, working together with other relevant organizations and agencies at Regional, National and International level.

Venue

Regione Emilia-Romagna
Fiera District Terza Torre
viale della Fiera, 8
Bologna – Italy

Languages

During the congress the official language will be English. On 12th June and only during the sessions “Soil: sealing and consumption” and “Soil and planning” (scheduled on 13th June) a simultaneous translation will be available.

Registration

For new registration and badge withdrawal on Tuesday 12th from 11.00 to 16.00 and from Wednesday 13th to Friday 15th from 8.30 to 12.00.

programme

TUESDAY 12th JUNE

14.00 **OPENING CEREMONY**

15.00 **Special session** **Natural resources and hazards in the Mediterranean**

Chairperson: **Luca Demicheli** Secretary General of EuroGeoSurveys

18.30 **OPENING OF THE EXHIBIT**

19.00 **WELCOME PARTY**

WEDNESDAY 13th JUNE

9.00-13.00 **Special session** **Soil: sealing and consumption**

Chairpersons: **Thomas Strassburger** European Commission Directorate General Environment,
Luca Montanarella European Commission Directorate General Joint Research Centre.

14.00-18.00 **Session 2** **Soil and planning**

Convenors: **Emilio Ascaso, Nicola Filippi, Robert Traidl.**

Chairperson: **Luca Montanarella** European Commission Directorate General Joint Research Centre.

9.00-18.00 **Hosted meeting** **EuroGeoSurveys National Delegates Forum**

Hosted meeting **Geology and Information Technology-GIT**

Annual Meeting of Geological Society of Italy - open to the EUREGEO participants

Session 3 **Subsurface geology**

Convenors: **Carmen Puig, Luca Martelli, Gerold Diepolder.**

Chairperson: **Francois Robida** Bureau de Recherches Géologiques et Minières





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programme

THURSDAY 14th JUNE

- 9.00-13.00 Special session Geological cartography in Italy and in Europe: perspectives and opportunities**
Chairperson: Silvio Seno Federazione Italiana Scienze della Terra
- Session 4 Popularisation of geoscience and geoheritage**
Convenors: Mariona Losantos, Maria Carla Centineo, Johann Rohrmüller.
Chairperson: Wim de Gans TNO Geological Survey of the Netherlands
- 14.00-18.00 Session 7 Urban geology**
Convenor: Giuseppe Nardi. Chairperson: Andreas Hoppe Technische Universität Darmstadt
- Session 9 Seismic risk**
Convenor: Xavier Goula. Chairperson: Gian Vito Graziano Consiglio Nazionale dei Geologi
- 9.00-18.00 Special session INSPIRE/Spatial Data Infrastructures**
Chairpersons: Robert Tomas European Commission Directorate General Joint Research Centre,
Kristine Asch Federal Institute for Geosciences and Natural Resources, *Francois Robida* Bureau
de Recherches Géologiques et Minières, *Carlo Cipolloni* Ist. Superiore per la Protezione e la Ricerca Ambientale
- Session 1 Slope instability**
Convenors: Marta Gonzales, Giovanni Bertolini, Karl Mayer.
Chairperson: Nicola Casagli Università degli Studi di Firenze - Dip. Scienze della Terra
- Session 10 Regional geochemical mapping and its environmental application**
Convenors: Marina Guermandi, Alessandro Amorosi.
Chairperson: Benedetto De Vivo Università degli Studi di Napoli Federico II - Dip. Scienze della Terra
- Hosted meeting Local forum of the European project Geo.Power** - open to the EUREGEO participants

FRIDAY 15th JUNE

- 9.00-13.00 Session 5 Coastal system management**
Convenor: Luisa Perini.
Chairperson: Yann Balouin Bureau de Recherches Géologiques et Minières
- Session 6 Water resources**
Convenor: Bernhard Wagner. Chairperson: Thomas Walter Geological Survey of Saarland
- Session 8 Mining and natural aggregate resources**
Convenor: Slavko V. Solar. Chairperson: Jouni Vuollo Geological Survey of Finland
- Session 11 Mapping data and Information systems**
Convenor: Kristine Asch. Chairperson: Silvio Seno Federazione Italiana Scienze della Terra

13.30 CLOSING CEREMONY

SATURDAY 16th JUNE

- 8.00-18.00 Field trips Po river Delta or Secchia Valley**



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special sessions

Special sessions will offer the opportunity to discuss specific topics with European experts. Extended programme of the special sessions will be soon available on the [congress website](#).

Tuesday 12th

Natural resources and hazards in the Mediterranean

Organized in collaboration with EuroGeoSurveys and chaired by **Luca Demicheli**, Secretary General of EuroGeoSurveys. The session should stimulate a technical and political discussion on the main geo-environmental questions of the Mediterranean. Climate change, soils, water resources, coastal systems management, energy resources and natural risks are the tasks of the discussion that will focus on the contribution that Earth Sciences should make to ensure that the quality of growth in the future leads to a sustainable future for the Mediterranean.

Wednesday 13th

Soil: sealing and consumption

Organized in collaboration with the European Commission and chaired by **Thomas Strassburger**, European Commission Directorate General Environment, and **Luca Montanarella**, European Commission Directorate General Joint Research Centre. Soil sealing means the permanent covering of an area of land and its soil by impermeable artificial material (e.g. asphalt and concrete), for example through buildings and roads. The session should stimulate a political and technical discussion on the drivers for soil sealing and on tackling the problem.

Thursday 14th

INSPIRE/Spatial Data Infrastructures

Organized in collaboration with European Commission, and chaired by **Robert Tomas**, European Commission Directorate General Joint Research Centre, **Kristine Asch** Federal Institute for Geosciences and Natural Resources, **Francois Robida** Bureau de Recherches Géologiques et Minières and **Carlo Cipolloni** Istituto Superiore per la Protezione e la Ricerca Ambientale. The INSPIRE/SDI Session will present the final results of the development of the geoscience related data models and specifications, produced by selected domain experts from EU member states. These aim at improving access, interoperability and harmonization of geoscience data in Europe – the main objective of the EU INSPIRE Directive. The Session will also give opportunity to discuss any issues related with the interoperability and harmonization of geoscience data.

Thursday 14th

Geological cartography in Italy and in Europe: perspectives and opportunities

Organized in collaboration with EuroGeoSurveys, Istituto Superiore per la Protezione e la Ricerca Ambientale, Federazione Italiana Scienze della Terra, Consiglio Nazionale dei Geologi Italia and chaired by **Silvio Seno**, Federazione Italiana Scienze della Terra. Geological cartography is a fundamental tool for the knowledge of the territory, soil and subsurface, and it is an essential requisite for territorial planning, for an efficient and sustainable use of natural resources and for mitigation and prevention of the risks associated with natural phenomena, among other questions. At European level the status of the geological cartography projects is extremely different both for the legislation framework, the scientific programme and the sensitivity of the political and administrative systems. The session should stimulate a technical and political discussion on the perspectives and the opportunities of the geological cartography in Europe with a special attention to the Italian situation.

field trips

Saturday 16th

Post congress 1-day bus trips to the Po river Delta and to the Secchia Valley. Field trip to **Po river Delta** will show the hydraulic aspects and hydrogeological assets of the deltaic plain, with some stops dedicated to the soil and the paleogeographic evolution of this area. Field trip to **Secchia Valley** (Reggio Emilia) will illustrate some interesting cases of slope instabilities and the adopted risk reduction strategies. Detailed programme on the [congress website](#).

exhibit

EUREGEO offers a great opportunity to scientific publishers, producers and dealers of scientific equipment and software to present and demonstrate for more than 500 researchers and professionals. Stands will be set up in the exhibition area close to the Venue. The Exhibit will be open to the public during the Congress and it can be visited by everyone interested in research, developments and initiatives for the Earth Science.



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Registration fees

To register, please use the on-line form available at the [congress website](#).

Fees for participation in the congress are:

- **Before 15th April**
 - € **120** attendance fee for authors presenting poster or oral contributions
 - € **100** attendance fee for congress participants
 - Free access** to students and PhD students
- **After April 15th**

The fee is € **120** for all participants, except the student.

Fee for participation in the field trip is:

- € **50** per person (lunch included). Those wishing to participate in a field trip must register by filling in the online form available at the [congress website](#). Payment can be made at the registration desk of the Congress by Wednesday 13th June.

The congress fee covers:

- Access to the full programme
- Conference bag
- Coffee breaks
- Welcome party on Tuesday 12th June
- 50% discount on publication by the Servizio Geologico, Sismico e dei Suoli - Regione Emilia-Romagna

Payment

Payment can be made to **MAP Service** srl via Bologna, 12/1a - 43122 Parma (Italy)
VAT number and Tax code **01966240341**

The payment can be made:

- **by bank transfer** order to: Unicredit Banca Spa
Agenzia N. 3387 - Parma (Italy)
- IBAN: IT 69 Q 02008 12702 000101871283
- BIC (SWIFT code): UNCRITM1PU7
- code name "Your name + EUREGEO2012"
- **in cash** in € at the Congress registration desk from 12th to 15th June 2012

The billing details form, available at the [congress website](#) has to be filled in and returned to the MAP Service srl, together with proof of the payment by fax +39 051 5280042 or by e-mail to archiviocart@regione.emilia-romagna.it. The registration is only valid upon receipt of communication of payment made.

Please refer to the [congress website](#) for information on accommodation facilities and how to get to the Congress venue.

Promoting Committee

Vasco Errani	Presidente della Regione Emilia-Romagna
Paola Gazzolo	Assessore Sicurezza territoriale. Difesa del Suolo e della Costa. Protezione Civile Regione Emilia-Romagna
Horst Seehofer	Bayerischer Ministerpräsident
Marcel Huber	Bayerischer Staatsminister für Umwelt und Gesundheit
Artur Mas	President de la Generalitat de Catalunya
Lluís Recoder	Conseller de Territori i Sostenibilitat de la Generalitat de Catalunya

Organizing Committee

Freistaat Bayern	Claus Kumutat Roland Eichhorn
Regione Emilia-Romagna	Raffaele Pignone Michela Grandi
Generalitat de Catalunya	Antoni Roca Xavier Berástegui
European Commission	Luca Montanarella
EuroGeoSurveys	Luca Demicheli

Scientific Committee

Giovanni Bertolini, Maria Carla Centineo,
Nicola Filippi, Marina Guermandi, Luca Martelli, Luisa Perini
Regione Emilia-Romagna - STB degli Affluenti del Po e Servizio Geologico, Sismico e dei Suoli
Gerold Diepolder, Karl Mayer, Johann Rohrmüller
Robert Traidl, Bernhard Wagner
Freistaat Bayern - Bayerisches Landesamt für Umwelt
Kristine Asch
Federal Institute for Geosciences and Natural Resources

Emilio Ascaso, Marta Gonzales, Xaviér Goula,
Mariona Losantos, Carmen Puig
Generalitat de Catalunya - Institut Geològic de Catalunya
Slavko V. Solar
Geological Survey of Slovenia
Amorosi Alessandro
Alma Mater Studiorum Università di Bologna - Dip. Scienze della Terra e Geologico-Ambientali
Giuseppe Nardi
Università degli Studi di Napoli Federico II - Dip. Scienze della Terra

Local Organizing Committee

Angela Angelelli, Paola Barchiesi, Roberto Bertozzi, Maria Carla Centineo, Marica Landini, Simonetta Scappini, Pier Francesco Sciuto, Madalina Tone.