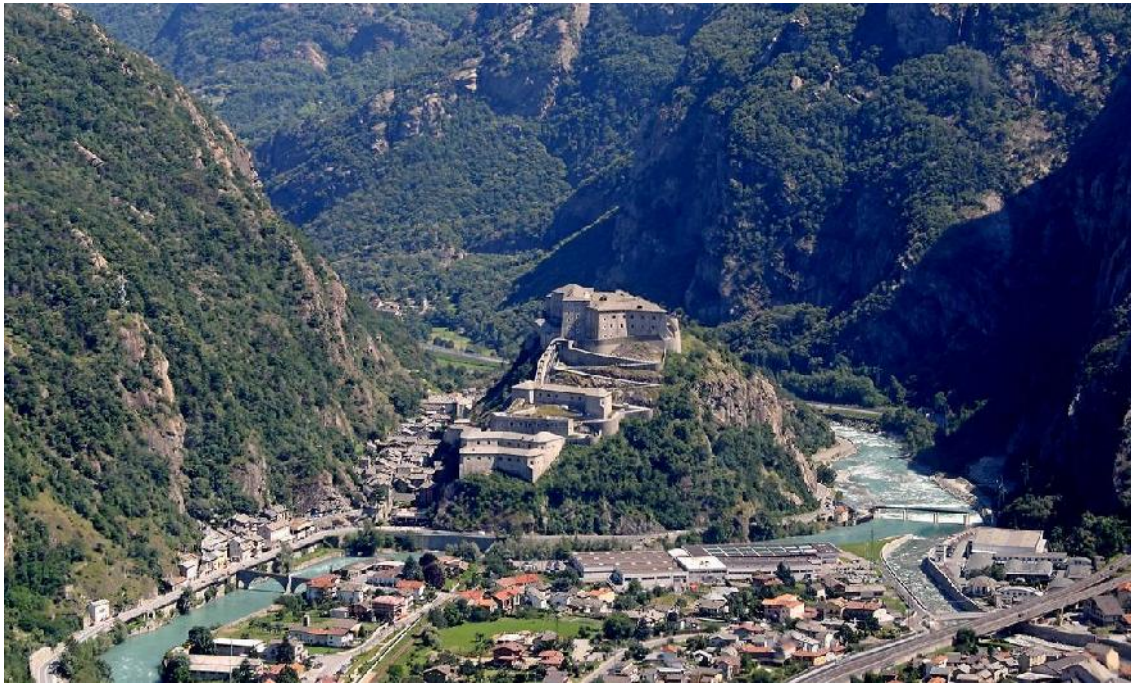


**INTENSIVE COURSE ON
GEO-DIVERSITY AND GEOHERITAGE: EVALUATION AND INTERPRETATION**

September 9th - 12th, 2014, Bard (AO), Italy



www.fortedibard.it/en/the-fortress/the-monumental-complex

Objectives

- Analyse the key concepts related to geodiversity and geoheritage
- Highlight the importance of effective dissemination of these concepts
- Discuss, and practise, best practice for geological interpretation for non-specialists
- Evaluate interpretation centres and suggest a range of different strategies for communication
- Perform field and laboratory activities on geomorphological and geological features of the Alps

Methods

Course content will be delivered interactively through audiovisual presentations and discussions with an international panel. Relevant examples of evaluation and interpretation will be shared with participants. New knowledge will be acquired through group laboratory activities in the Fortress of Bard and during 2 days of fieldtrips in the Western Alps.

Maximum number of participants: 25

Program

September 9 – PROLOGUE. *Introductory events (Italian language) open to local students, stakeholders and the general public. Optional for the Intensive Course participants.*

14.00 Welcome by the Director of the Fortress of Bard and Public Authorities.

14.30 Geodiversity vs Geoheritage? International experts will introduce concepts and discuss applications and projects. What is geodiversity? What is geological heritage? Why is it important to understand and communicate these concepts? And to whom?

Talk show and videos (live translation) with experts from the International Association of Geomorphology – IAG: Emmanuel Reynard (Université de Lausanne), Paola Coratza (Università di Modena e Reggio Emilia), Marco Giardino (Università di Torino) and Vincenzo Lombardo (CIRMA, Centre for Research on Advanced Multimedia).

15.30 Geodiversity and geoheritage – the global dimension: international, national, regional and local initiatives for evaluating geodiversity and managing geoheritage.

Mario Panizza (Scientific advisor for the Dolomites' UNESCO WHS bid), Valeria Panizza (chair of the AIGEO WG on Geoheritage), Cristina Giovagnoli (ISPRA, Roma), Luca Ghiraldi (Natural History Museum, Torino), Nadia Guindani (Equipe ARC-EN-CIEL, Aosta Valley)

16.30 One-hour fieldtrip around the fortress and medieval village of Bard: cultural geoheritage 'on the rocks', and geodiversity of tectonic structures and glacial landforms.

Led by researchers of the University of Torino, local geologists and tour guides specialising in history and nature. A guided tour in English will also be available.

September 10 – BEGINNING OF THE INTENSIVE COURSE *(Registered participants only)*

9.00 Introduction.

9.10 Talks on theoretical and regional aspects of geodiversity and geoheritage.

Long-term geological processes: litho-structural geodiversity of the Alps and the geoheritage of the built environment.

Geomorphodiversity of the Alps: glaciers, climate dynamics and the evolution of alpine environments.

11.00 COFFEE BREAK

11.15 Talks on cultural and methodological aspects of geodiversity and geoheritage.

How geodiversity can be mapped and indexed.

Promotion of geoheritage through geosites: interpretation and management.

Multimedia design and semantic annotation: introductory concepts and applications to geodiversity and geoheritage.

- 13.30 LUNCH ('Sapori d'Alta Quota' – 'flavours from the high mountains': a chance to eat the view and enjoy some local specialities!)
- 14.30 Interactive session on interpretation for the public.
What do we mean by 'interpretation'? What tools can we use to interpret geological heritage? How is geological heritage being interpreted around the world? And how can the effectiveness of existing interpretation be evaluated?.
- 17.00 A visit to the fortress of Bard and the Museum of the Alps, viewing the exhibits but focusing on material produced for interpretation and education.
- 20.00 DINNER
- 21.30 Open forum sharing ideas on evaluation and interpretation of geodiversity and geoheritage.

11 September - FIELDTRIP

The historic **Mosso Institute** at Col d'Olen (Monte Rosa, 3000m a.s.l.) in the Sesia-Val Grande Global Geopark. Practical activity on interpretation of high mountain geoheritage, based on field and remote-sensing data of glacial and periglacial environments.

Discussion on available material and how to present this for non-specialists.

Evening and night in Bard.



12 September - FIELDTRIP

Visit to the underground **ScopriAlpi exhibit** (Germanasca Valley), in the French-Italian Cottian Alps Geopark (candidate for the UNESCO-assisted Global Geopark Network). Practical activity on interpretation of geological structures and mining geosites.

Discussion on available material and how to present this for non-specialists.

Conclusion of the Intensive Course.

Evening: transfer to Turin.



Lecturers

- Baral Gino, C.H.A.V. Associazione della Conferenza delle Alte Valli
- Beltramo Riccardo, Università degli Studi di Torino
- Bollati Irene, Università degli Studi di Milano
- Borghi Alessandro, Università degli Studi di Torino
- Coratza Paola, Università degli Studi di Modena e Reggio Emilia
- Freppaz Michele, NatRisk-UniTO
- Genre Luca, La Tuno srl.
- Ghiraldi Luca, Natural History Museum of Torino
- Giardino Marco, Università degli Studi di Torino
- Giovagnoli Cristina, ISPRA Istituto Superiore per la Protezione e la Ricerca Ambientale, Roma
- Guindani Nadia, Equipe ARC-EN-CIEL Ambiente & Cultura, Aosta Valley
- Lombardo Vincenzo, CIRMA Centre for Research on Advanced Multimedia
- Macadam John, Earthwords, UK
- Melelli Laura, Università degli Studi di Perugia
- Panizza Mario, Scientific advisor for the Dolomites' UNESCO WHS bid
- Panizza Valeria, chair of the AIGEO Working Group on Geoheritage
- Pelfini Manuela, Università degli Studi di Milano
- Pereira Paulo, Universidade do Minho
- Perotti Luigi, Italian Glaciological Committee Torino
- Reynard Emmanuel, Université de Lausanne

All the sessions on interpretation will be led by **John Macadam**, a geologist and interpreter, who has recently led workshops for the University of Minho in Portugal and Geopark Idrija in Slovenia, among others. The aim will be to discuss how best to communicate the scientific information at each site to a non-specialist audience. Examples of his work are on www.Earthwords.co.uk

Organising committee

- Giardino Marco, Università degli Studi di Torino
- Magagna Alessandra, Università degli Studi di Torino
- Tema Evdokia, Università degli Studi di Torino

Practical information

Language: English

Duration of the course: from Thursday 9 September to Friday 12 September

Arrival of the participants: Thursday 9 September

Costs: 250 € comprising documentation, accommodation in Bard on 9, 10 and 11 (in double, triple or quadruple rooms. The arrangements in rooms will be managed by the secretariat: males and females will be hosted in separate rooms), meals on 9, 10, 11 and 12 (only lunch) September, transportation during the course. Not included in the costs: travel to/from Bard.

How to reach the Fortress of Bard: <http://www.fortedibard.it/en/informations/how-to-reach-us>

Participation limited to: 25 students.

Grants for students

3 grants for students coming from European countries (reduction: 100€) are available.

2 grants for students coming from extra-European (developing) countries (free participation) are available.

Applicants interested in a grant have to apply including their reasons for wanting to attend the course (motivation letter).

The intensive course is sponsored by *GeoMedia-web: multimedia and networks for dissemination of knowledge on geoheritage and natural risk* (MIUR project, Law 6/2000)

Registration form (available on <http://www.iaeg2014.com>)

Name, Surname:

Institution:

Degree: PhD student Master student Researcher Other:

Address:.....

Email:

Participation in the Prologue (day 9 of September, afternoon): Yes No

Please indicate special dietary needs:

Please attach a motivation letter (*if you want to apply for a grant*):

For any further information about the course program and accommodation, please contact:

evdokia.tema@unito.it, alessandra.magagna@unito.it

If anyone is interested in being hosted by the University College in Turin for the nights after the Intensive Course and before the IAEG Congress, please contact: dtoscano@mafservizi.it