International Symposium on Geosite Management

SAVOIE – MONT-BLANC, France, September 5-10 2011

Geoheritage is now recognized as a **territorial resource** onto which to build **local development**. It can be used to leverage protected and labelled areas by turning environmental value into sources of sustainable development.
As an example, leveraging geotourism is a way to help transitioning through the economic challenges brought by climate change. But turning geoheritage into a territorial resource also requires the careful inventory of those geosites best suited to fuel an effective local development. **Geosites** are here defined as **delimited areas that offer sets of geological or geomorphological objects endowed with a scientific and some additional values susceptible to support an educational or geotouristic use**.
This symposium aims at providing a state-of-the-art view of recent researches and experiments conducted in the field of **geosites management,** specially considered within the proactive framework of **sustainable management applied to protected areas**.

Participants are invited to submit papers relevant to geosite management in protected areas. We welcome either high-level papers (e.g. global management) or more specific categories such as inventory, identification, impact measurement and methods, including geosites used for tourism and/or environmental education.

With this symposium we also wish to seize the opportunity to explore how **new information technologies** can impact geosites and their management. An **Intensive Course** will be dedicated to this topic as the first event of the Symposium, followed by an **International Conference** – second event of the Symposium – with a **special session** about this topic. So we also welcome papers and posters that will further explore how digital technologies allow to build innovative and attractive tools for the promotion and the management of geosites.

The ISGM 2011:
two events dispatched from 5 to 10 September 2011

Intensive course: Using numerical technologies for the assessment and the promotion of geosites.
Dates: Monday 5 to Wednesday 7 September.
Location: Evian-Chablais (Haute-Savoie) and Scientific Campus of the University of Savoy (Le Bourget du Lac, Savoie)

International Conference: Managing Geosites in Protected Areas
Dates: Wednesday 7 to Friday 9 september.
Location: Scientific Campus of the University of Savoy (Le Bourget du Lac, Savoie) and Natural Regional Park of Bauges Massif (Savoie).
Optional excursion to Chamonix - Mont-Blanc (Haute-Savoie) on Saturday 10 September

Symposium programme:

International Symposium on Geosite Management (September 5-10 2011)					
5	6	7	8	9	10
Intensive Course (Digital tools for the inventory, protection and valorization of geosites)					
		Conferences (Managing Geosites in Protected Areas)			
					Excursion

The Intensive Course is limited to 30 participants, with priority given to advanced students (PhD & Master Students).

It is possible to participate in only one of both events of the Symposium, or in both (see "Registration").

The last day field-trip to Chamonix Mt-Blanc is optional (with additional cost).

Indicative Programme of the Intensive Course:

Day 1

- Dynamic Cartography (GIS, Geo-vizualisation and web-mapping) and real or virtual Imagery (in-situ video-monitoring, 3-D images: lasergrammetry, photogrammetry, terrain modelling and web 3-D) applied to the inventory, the protection and the valorization of geosites.
- Mediation, interpretation and e-tourisme (QR-Code and augmented reality), storytelling-based tourism (geo-localised serious game, interactive adventure), Web 2.0.

Day 2

Tutorial day
Morning: data terrain acquisition in the Aspiring Chablais Geopark.
Afternoon: three tutorials will be proposed :
- Web-mapping
- 3D modelling
- Augmented reality for mobile device

Day 3

(= 1st day of the International Conference)
Conference day on the Scientific Campus of the University of Savoie with a special session about "Digital tools for the inventory, protection and valorization of geosites". (the participants of the Intensive Course can submit an oral or poster presentation).

Indicative Programme of the International Conference:

Day 1 (Mountain Pole Building of the University of Savoie, Scientific campus of Le Bourget du Lac)
Morning: Opening session and conference (Prof. M. Panizza)
Presentations session 1
Afternoon: Session 2 and Poster session
Evening: Transfert by bus to the Bauges Massif

Day 2 (Bauges Massif)
Morning: Session 3
Afternoon: Field-trip in the Bauges Massif
Evening: Poster Session

Day 3 (Bauges Massif)
Morning: Session 4
Afternoon: Field-trip in the Bauges Massif
Evening: Closing of the Symposium

Day 4 (Chamonix-Mt Blanc)
Optional field-trip: Discovering the Geosites of Chamonix-Mt Blanc.

Topics of the Conference sessions:

Session 1: Geosites in protected areas: which development and for which public?
Session 2: Digital tools for the inventory, protection and valorization of geosites
Session 3: Geoheritage as a resource for local economic development
Session 4: Geosites between natural and cultural heritage.

Scientific Committee:

President of Honour:
Prof. Mario Panizza (University of Modena e Reggio Emilia, Italia)

Members:

- Dr Martine Ambert (University Paul Valéry Montpellier 3, France)
- Dr. Vincent Biot (SNRA, Lyon, A-M Edytem, France)
- Dr. Paola Coratza (University of Modena e Reggio Emilia, IAG, Italia)
- Dr. Danielle Decrouez (Museum of Geneva, Switzerland)
- Dr. Michel Delamette (Chartreuse Natural Regional Park, France)
- Prof. Jean-Jacques Delannoy (University of Savoie, Edytem-CNRS, France)
- Prof. Patrick de Wever (National Museum of Natural History, Paris, France)
- Prof. Monique Fort (University Paris VII-Diderot, GFG, France)
- Prof. Dominique Gasquet (University of Savoie, Edytem, France)
- Dr. Christian Giusti (University Paris IV-Sorbonne, France)
- Dr. Stéphane Héritier (University of Saint-Etienne, France)
- Dr. Dorina Ilies (University of Oradea, Romania)
- Dr. Nicolas Kramar (University of Lausanne, FGSE, Switzerland)
- Prof. hon. Michel Marthaler (University of Lausanne, IGUL, Switzerland)
- Dr. Jean-Pierre Martinot (Vanoise National Park, France)
- Prof. Dr. Heidi Megerle (Hochschule Rottenburg, Germany)
- Prof. Piotr Migon (University of Wroclaw, Poland)
- Dr. Paulo Pereira (University of Minho, Portugal)
- Prof. Augusto Perez Alberti (University Santiago de Compostela, Spain)
- Prof. Emmanuel Reynard (University of Lausanne, IGUL, IAG, Switzerland)
- Prof. Maria-Luisa Rodrigues (University of Lisbon, APGeotur, Portugal)
- Prof. Henri Rougier (University Lyon 3, France)
- Prof. Dominique Sellier (University of Nantes, CNFG, France)
- Prof. Thierry Winiarski (ENTPE, CRPG Rhône-Alpes, France)
- Prof. Dr. Nickolas Zouros (European Geopark Network, Greece)

Submissions:

We welcome the submission of both oral papers and posters. For both modes of presentation, authors are invited to submit abstracts (following model presented on symposium website).

Submissions must be sent to scientific secretary of the ISGM (ISGM2011@univ-savoie.fr) symposium **until 30 April 2011.**

All abstracts will be evaluated by the scientific committee in terms of originality, significance, and technical soundness. A condition of submission is that, if accepted, the work must be presented by one of the authors registered for the symposium. The abstract review committee reserves the right to assign a different presentation format (oral to poster) from the one selected by the presenting author.
A volume of proceedings will be published after the symposium.

Language of the symposium : English
(Français admis pour les communications orales mais avec un support de power-point en anglais – Poster rédigé en anglais avec présentation orale possible en français)

Organization:

Local Organizers:
Dr Fabien HOBLEA (General Coordinator of the Symposium & Director of the International Conference) & Dr Nathalie CAYLA (Director of the Intensive Course)
Lab. EDYTEM. UMR CNRS – Université de Savoie. Le Bourget-du-Lac. France
http://edytem.univ-savoie.fr/

Co-organizer:
Prof. Emmanuel REYNARD.
IGUL, University of Lausanne, Switzerland

Scientific Secretary:
Amandine PERRET (IGUL/EDYTEM)

Administration & Finances:
Carole POGGIO (EDYTEM)
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- François AMELOT (CNM Sallanches, Associated Member EDYTEM)
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- Pierre RENAU (Associated Member EDYTEM)
- Géraldine REGOLINI-BISSIG (IGUL)
- Dr. Joëlle ROCHAS (Associated Member EDYTEM)

Registrations and fees:

Registration will open on 15 April 2011. (Dead Line : 24 of July)
(Registration fees include accommodation (resort center) and meals.)

	Student	Non-student
Intensive Course only (from 5th to 7th September)	250 €	300 €
Conference only (from 7th to 9th September)	250 €	300 €
Symposium (from 5th to 9th September)	400 €	500 €
Optional excursion to Chamonix – Mont-Blanc (10th September)	70 €	90 €
One Day Pass (07/09 or 08/09 or 09/09)	25 €	50 €

Possibility to book single or double rooms in hotels (additional fees, see with the local organizing committee for more informations – ISGM2011@univ-savoie.fr)

Possibility of registration in hotel for the 04 September in Evian and the 06, 09 and 10 September in Chambery-Le Bourget du Lac (See "Accommodation" on the website of the Symposium)

For further details on the ISGM symposium please see:
http://edytem.univ-savoie.fr/ISGM2011

We are looking forward to meet you in Savoie !