

Second Circular and Call for Abstracts (Deadline: June 30, 2012)



**8th EGU Alexander von Humboldt International Conference on
Natural Disasters, Global Change, and the Preservation of World Heritage Sites
Cusco, Peru, November 12th - 16th, 2012**

**Organized by
Universidad Nacional de San Antonio Abad del Cusco (UNSAAC)
Facultad de Ingeniería Civil
Scientific Committee for Disaster Prevention and Mitigation
and the European Geosciences Union (EGU)**

Scope:

The World Heritage Operational Guidelines of the United Nations Scientific, Educational, and Cultural Organization (UNESCO) states that “The cultural heritage and the natural heritage are among the priceless and irreplaceable possessions, not only of each nation, but of mankind as a whole. The loss, through deterioration or disappearance, of any of these most prized possessions constitutes an impoverishment of the heritage of all the peoples in the world. Parts of that heritage, because of their exceptional qualities, can be considered to be of outstanding universal value and as such worthy of special protection against the dangers which increasingly threaten them.”

However, throughout human history, natural disasters, such as earthquakes, landslides, volcanic eruptions, flooding, etc., have damaged or destroyed several historical sites around the world. Global changes due to human activities add a new dimension.

In the last decades, thanks to the technological development of instruments, software, and data acquisition systems, fields such as geo-environmental engineering, along with geophysical/geotechnical investigations, are providing better tools for disaster prevention of manmade buildings, which are of great importance also for historical sites.

Thus, the aim of this conference is to bring together geoscientists, engineers, seismologists, geologists, architects, and other specialists, to discuss natural disasters and their prevention, with particular emphasis on World Heritage sites. A special session will be devoted to Inca ruins, in particular those of Macchu Picchu (celebrating the 100 years anniversary of their rediscovery in 1911).

Broad Topics (to be introduced by invited Keynote Speakers):

Contributions from all relevant fields of Geosciences, as well as, Engineering and Architecture are welcome. In particular, we invite contributions to the following topics:

1. Global Change and Natural Disasters (earthquakes, floods, landslides, volcanoes, tsunamis, etc.)
2. Natural disaster prevention
3. Seismic responses of historical buildings and their vulnerability (techniques used in buildings, structural and material systems, laboratory and field testing, etc.)
4. Geophysical/Geotechnical surveys for scenario modelling and simulation
5. Effects of extreme climate and/or meteorological disastrous events (El Niño, Global Warming, Hurricanes, etc.)
6. Special Session about Inca ruins (Macchu Picchu, etc.) with 1 day field trip to Macchu Picchu

Keynote Speakers (confirmed)

Marcial Blondet, Catholic University of Peru, Lima
Ruben Boroschek, University of Chile, Santiago de Chile
Carlo Laj, LSCE-IPSL, France
Paulo Lourenco, Minho University, Guimares, Portugal
Orlando Macedo, Arequipa Volcanic Observatory, Arequipa, Peru
Jose Machare, Explorandes SAC, Peru
Amos Nur, Stanford University, USA
Pierrick Roperch, University of Rennes, France

Scientific Program Committee:

Peter Fabian, EGU, TU Munich (TUM), Germany (Co-Chairman)
Julio Rojas-Bravo, Universidad Nacional de San Antonio Abad del Cusco (Co-Chairman)
Ken Tokeshi, University of Western Sydney, Australia
Carlo Laj, LSCE-IPSL, France
Pablo Lagos, Instituto Geofisico del Peru(IGP), Lima, Peru
Marcial Blondet, Catholic University of Peru
Paulo Lourenco, Minho University, Guimares, Portugal
Orlando Macedo, Arequipa Volcanic Observatory, Arequipa, Peru
Jose' Machare', Explorandes SAC, Peru
Carlos Fernandez Baca Vidal, Universidad Nacional de San Antonio Abad del Cusco, Peru

Abstract submission and deadlines

Abstracts are to be submitted online before June 30, 2012. There is an abstract fee of 40 Euros.
Abstracts submitted before the deadline June 30, 2012 will immediately be reviewed, and authors will be informed about acceptance and Oral / Poster status until July 15, 2012.
(Besides these "regular" abstracts which will be listed in the conference program booklet we are prepared to accept late abstracts of interesting timely material. These will generally be assigned for poster presentation.)

Registration Fees and Deadlines

Early Bird online registration before July 15, 2012: 200 Euros
Regular online registration fee is 220 Euros (July 16-September 30, 2012).
Late online registration October 1-28, 2012: 250 Euros
After October 28, 2012 Onsite registration 300 Euros (Cash only)

Excursion to Macchu Picchu (1-day field trip within conference week)

The conference fees include sightseeing in Cusco and surroundings and the Conference Dinner.
For practical purposes, the fees for the excursion to Macchu Picchu (about 200 Euros) have to be paid separately online until September 30, 2012 as the latest. The exact amount will be shown on the Conference Homepage by March, 2012.

For Abstract submission, registration and payment for the Macchu Picchu excursion please use the conference homepage <http://meetings.copernicus.org/avh8/>

Conference Language:

English

Logistics:

Several 90 minute domestic flights connect Cusco to the Peruvian capital Lima which has international air connections to all continents.

Local Organizing Committee:

Julio Rojas-Bravo (Chairman)
Carlos Fernandez Baca Vidal
Sandro Gutierrez Samanez

January 2012

Peter Fabian (EGU)

Julio Rojas-Bravo (UNSAAC)

Please display this Circular and/or make it available to other colleagues who might be interested.