



**Second Circular and Call for Abstracts (June 2009)  
(Deadline for abstract submission: September 18, 2009)**

## **Sixth EGU Alexander von Humboldt International Conference on Climate Change, Natural Hazards, and Societies**

**Merida, Mexico, March 14-19, 2010**

**Organized by  
Universidad Nacional Autónoma de México (UNAM)  
Centro de Investigación Científica de Yucatán (CICY)  
and the European Geosciences Union (EGU)**

### **Scope:**

Climate Changes are likely to have contributed to the decline of ancient civilizations such as those of the Maya in southeastern Mexico and Central America or Pueblo Indians in North America. The catastrophic eruption of Thera (~1600 B.C.) buried ancient Akrotiri on Santorini and even Knossos on Crete and probably accelerated the decline of the Minoan culture.

Present day societies are vulnerable to climate changes, sea level rise, and natural disasters as well. Megacities such as Tokyo or Mexico City are particularly prone to hazards related to volcanoes, earthquakes, landslides and flooding, not to mention such rare and extreme events as large meteorite impacts. For example, the eruption of El Chichon in 1982 caused the worst volcanic disaster in the recorded history of Mexico. The devastating 1985 Mexico City earthquake (M-8.1) prompted the creation of Mexico's national agency to deal with natural disasters. And in 2007 Mexico experienced massive flooding in the States of Tabasco and Chiapas, affecting more than a million people.

This interdisciplinary conference aims at fostering our understanding of the impact of climate changes and natural disasters on past and present societies, with emphasis on anthropogenic impacts in increasingly complex systems.

We expect that Merida, located close to principal archaeological sites and remains of the Maya culture, inside the huge Chicxulub impact crater, will be a particularly stimulating place for the topics of this interdisciplinary conference.

### **Broad Topics (to be introduced by Keynote Speakers):**

Contributions from all fields of the Geosciences are welcome. In particular the conference will focus on:

- 1. The Cretaceous/Tertiary Boundary and the Chicxulub Impact Crater**
- 2. Climate and Environmental Change and Early Civilizations**
- 3. Volcanism and Earthquakes**
- 4. Abrupt Climate Changes**
- 5. Global Warming: The next 100 years**
- 6. Megacities and Natural Hazards**
- 7. Ecological Effects of Global Change**
- 8. Geo-Hydrology**
- 9. Complex Systems in Geosciences**

## **10. Uncertainty Management in Geosciences**

## **11. Planetary Engineering**

### **Keynote Speakers (confirmed)**

Mario Molina (CMM Mexico)

Gerald Haug (ETHZ Switzerland)

Rafael Navarro Gonzalez (UNAM Mexico)

Matt Larsen (USGS USA)

Carlos Gay (UNAM Mexico)

Annette Menzel (TUM Germany)

Felipe Arreguin (CONAGUA Mexico)/Luis Marin (UNAM Mexico)

Jan Smit (VU Amsterdam, NL)

### **Conference Language:**

English

### **Scientific Program Committee:**

Peter Fabian, EGU, TU Munich (TUM), Germany; Co-Chair

Carlos Gay Garcia, Centro de Ciencias de la Atmosfera, UNAM Mexico; Co-Chair

Rafael Navarro-Gonzalez, Instituto de Ciencias Nucleares, UNAM

Jaime Urrutia Fucugauchi, Instituto de Geofisica, UNAM

Mireya Imaz Gipert, Programa Universitario del Medio Ambiente, UNAM

Telma Gloria Castro Romero, Centro de Ciencias de la Atmosfera, UNAM

Amparo Martinez-Arroyo, Centro de Ciencias de la Atmosfera, UNAM

Inocencio Higuera Ciapara, Centro de Investigacion Cientifica de Yucatán CICY

Mario Rebolledo-Vieyra, Centro de Investigacion Cientifica de Yucatan CICY

Roger Orellana, Centro de Investigacion Cientifica de Yucatan CICY

### **Logistics:**

The airport of Merida has frequent domestic connections to Mexico City and can directly be reached from several European and American airports.

### **Local Organizing Committee:**

Inocencio Higuera Ciapara, Roger Orellana, Mario Rebolledo Vieyra,

Carlos Gay Garcia, Telma G. Castro Romero, Jaime Urrutia Fucugauchi

### **Abstract Submission (on-line only) until September 18, 2009 (Deadline) through**

<http://meetings.copernicus.org/avh6/>

Abstracts may be accepted after the deadline, but these will generally be considered for poster presentation.

**There is an abstract fee of 35 euros/abstract which is to be paid by credit card**

### **Registration and Conference Fees**

All who plan to attend AVH6 are advised to register on-line as soon as possible (from July 15, 2009 onwards). On-line registration and payment through <http://meetings.copernicus.org/avh6/>

**Early-Bird Registration Fee of 270 euros** applies until November 15, 2009 (limited financial support for young scientists will be made available upon application to LOC)

**Regular Registration Fee of (300 euros)** applies for on-line registration November 16, 2009 until February 15, 2010. (Authors of oral papers must have registered and paid by then).

After February 15, 2010 **on-site registration (340 euros) (cash only)** during the Conference.

## **Venue and Accommodation**

The 6<sup>th</sup> EGU Alexander von Humboldt International Conference will be held at the **Fiesta Americana Hotel** in Downtown Merida. <http://www.fiestaamericana.com.mx>  
A number of rooms have been reserved for conference attendees at reduced rates which hold March 12-23, 2010:

**Room in Single basis: US \$ 110.00**

**Room in Double basis: US \$ 124.00**

**Per night per room including Breakfast buffet and all taxes.**

Rooms can be booked directly by phone  
01800 5045000 (free inside the Mexican Republic)  
01800 FIESTA1 (free from the USA) or

by e-mail [rinternet@posadas.com](mailto:rinternet@posadas.com)

under the code name of the event:Sixth EGU Alexander von Humboldt Conference on Climate Change, Natural Hazards,and Societies. **Early booking is recommended**

## **Sightseeing and Excursions (optional)**

Luna Maya ,the official agency of AVH6,offers to conference attendees and accompanying persons guided City Tours in Merida (2 hours US\$ 10.00 p.P) as well as guided tours to Maya cultural highlights such as Chichen Itza(1 day US \$ 38.00 p.P.),Uxmal&Kabah(1 day US\$ 38.00 p.P.,Light and Sound afternoon/ evening US\$ 38.00 p.P.) ,and the famous flamingo lagoons at Celestun(1 day US \$ 50.00 p.P.)

Inquiries and booking via e-mail:

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## **Milestones**

**September 18, 2009:** Deadline for abstract submission

**October 16, 2009:** Letters to authors informing about acceptance and oral/poster category

**July 15, 2009:** Online registration and payment system open, Early-Bird fee: 270 euros

**November 15, 2009:** Deadline for Early-Bird registration, afterwards Regular Fee

**February 15, 2010:** Deadline for on-line registration and 300 euros Regular Fee.

**(Please note that authors of oral papers will be removed from the program if they have not registered and paid by then)**

**March 14-19, 2010:** 6th AVH Conference: On-site registration fee: 340 euros (cash only).

## **Conference Homepage**

<http://meetings.copernicus.org/avh6/>

will be activated until July 15,2009

**July 1<sup>st</sup>, 2009**

**Peter Fabian (EGU)**

**Carlos Gay Garcia (UNAM)**

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