

Scientific Committee (Preliminary)

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 Kanefusa Masuda (Institute of Disaster Mitigation for Urban Cultural Heritage, Kyoto, Japan)
 Heinz Ruther (Prof. Emeritus Cape Town University, South Africa)
 Daniele Spizzichino (Geological Survey of Italy, Rome)
 Kyriacos Themistocleus (Cyprus University)

Date & Venue of the Symposium:

The Symposium will be organized during the period of 1012- December 2019. Arrival date in Egypt shall be scheduled on 9th of December and Departure date from Egypt on 13th of December. The Symposium will take place in an exclusive cruise on the Nile between Luxor (check-in 9th of December) and Aswan (check-out 13th of December).

Registration Fee: Registration fee for the participants is Nil.

Accommodation:

Special prices for the attendance to the Symposium have been arranged for participants, in a 5 stars boat. The following prices are per person, four nights, full board (accommodation and meals), beverage excluded.

Suites (Limited Availability):

Double (family room): 678 US\$
 Single: 570 US\$

Standard Rooms:

Shared double room: 230 US\$
 Single room: 375 US\$

Payment:

On-line payment is allowed (after 25th October, following the confirmation to participants). In exceptional cases, authorized by the secretariat, payment can be provided on site.

Important Dates:

Abstract submission: 15 October, 2019
 Notification of acceptance: 25 October, 2019
 Submission of full paper: 30 November, 2019

SUSTAINABLE CONSERVATION OF UNESCO AND OTHER HERITAGE SITES THROUGH PROACTIVE GEOSCIENCES

10 - 12 DECEMBER 2019



Under The Auspices of

**TOPIC SESSIONS:**

The Symposium is organized in sessions showing case studies from different parts of the world, sharing experiences in heritage conservation, under various climatic and hazardous contexts.

- General Session**
 - Key notes having general interest (satellite applications; monitoring; advanced modeling; innovative geophysical investigation; foundations; climate change; weathering; etc.)
- Case Studies**
 - Detailed investigations on various sites affected by rapid and slow geo-hazards.

Highlights:

Cultural heritage represents the legacy of humankind on planet Earth. It witnesses millennia of people adaptation to their environment, as demonstrated in many monuments, sites and cultural landscapes. Such historical landmarks are subjects to continuous changes and to the influence of modern growth and development. The impacts and alterations result from several internal and external conditions stemming from both natural and anthropogenic factors, such as rapid (i.e. earthquakes, landslides, floods, debris flows, slope movements) and slow onset (i.e. geological and geotechnical subsidence, soil and coastal erosion, sinkholes, hydro-geological conditions) including climate change. Nowadays, cultural heritage shows evidence of the impact of geohazards and weathering and call for the need to rethink 'sites' conservation and management plans. Consequently, geoscience discipline and affiliated empirical research studies and innovations in technology may need to bring new paradigm for the preservation of cultural properties, providing a resourceful platform for learning.

In the past decades, the shift in disciplines from working inward to opening up to inter-disciplinary ways of thinking draws special attention to the added value of merging Arts with Sciences among other disciplines for better management and preservation of cultural heritage. The 'New School' of thoughts is manifested by many showcases and projects on the mitigation of risks of geohazards which aim to maintain the integrity and authenticity of cultural and historical heritage sites. The advanced scientific investigations involve a better understanding of the natural processes, coupled with conservation approaches, mainly based on sustainable practices including the use of traditional knowledge in the recovery techniques and building local capacities, to ensure effective conservation works with time.

In this context, the Symposium on 'Sustainable conservation of UNESCO and other heritage sites through proactive geosciences' aims to bring together researchers and practitioners from various disciplines to share experiences and lessons learned on the management of heritage sites facing the risks of geohazards and other geo-environmental threats.

Symposium:

The Symposium is organized in different sessions to cover the innovation and advances in science and technology on mitigating the impacts of geohazards in heritage sites from all over the world. The sessions will highlight the existing diversity in management and preservation approaches under various type of geohazards, different Countries and variety of cultures.

Plenary Sessions:

Keynotes having general interest will convene speakers with marked experience in geohazards, climate change and weathering; satellite applications, monitoring and advanced modelling in geosciences; latest geophysical investigation; innovative mitigation projects; etc., to share it with the participants.

Thematic Sessions:

Researchers and sites managers will present Case Studies on mitigation measures applied in various sites that are subject to different types of geohazards. Particular focus will be on the application of traditional knowledge in mitigation.

Application & Selection:**Who can apply?**

The Symposium is mainly addressed, but not exclusively, to Conservators and Managers of UNESCO World Heritage Sites and of Monuments and Sites affected by geo-hazards, as well as experts in geosciences in general. The participation will be limited where priority is given by the Organizing Committee to candidates presenting and submitting case studies on heritage conservation under geo-hazards and geo-environmental threats, as well as to participants from "low and middle-income countries".

How to Apply:

Applicants shall fill the registration form and upload the below listed documents at Academy of Scientific Research and Technology website (www.asrt.sci.eg):

1. CV (max 1 page)
2. List of publications
3. Abstract (only for potential speakers)

Poster Sessions:

Available for the entire duration of the Symposium.

Proceedings:

Author (s) of the selected abstract shall submit a full paper by 30 November 2019. All papers shall be reviewed for the publication of a book with an International Publishing Company. The book will be linked to global research engine and hubs of citation index such as Web of Science (ISI), EI-Compendex, and Scopus. Preliminary agreement is made with Springer Verlag.

Excellent presentations can be accepted without submitting full paper.

Abstract and full paper shall be written based on the guidelines on the website.

Eligibility for Grant:

Grants are provided for a large number of participants. Upon request of the applicant, full grant including travel and accommodation or partial grant covering only accommodation are available. Priority will be given to conservator/manager/experts from "low and middle-income countries" as well as to speakers submitting full paper on case study related to the theme/topic of the symposium.

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Organizing Committee:

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