

SEPT. 21-27, 2023
CHENGDU, CHINA

The XIV Congress of the International Association for Engineering Geology and the Environment



Session 11-3

Engineering Geology in Preservation and Protection of Heritage Sites, Stone Resources, and Geo-heritage

Conveners



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Brief Introduction of the Session:

Based on the central theme of the congress on Habitable Earth, the session will contribute to advancement in engineering geology in preservation and protection of heritage buildings and geo-heritage sites, with research and discussions on impact of global climate change to evolve sustainable mitigation plans. The tangible cultural heritage sites, monuments and other historical buildings etc. needs special attention due to multitude of geological hazards such as earthquakes, landslides, floods, bank erosion etc. which affect the terrain morphology to impact the geo-heritage sites of universal values. The morphological effects are pervasive for land degradation and their negative impacts are seen on many the heritage buildings. Recent earthquakes in Central Mexico (2017), Nepal (2015), Wenchuan (2008), China, Balkan floods (2014), United Kingdom Floods (2015) and Uttarakhand landslides (2013), India have not only impacted the society but also affected various heritage structures. Engineering geology can play a pivotal role in managing the geological hazards, preservation of architectural heritage of monuments and geo-heritage sites. The session will deliberate on technological developments, and resource surveys for dimensional stones for preservation and protection of cultural heritage and geo-heritage sites. The topics will discuss, but not limited to, the following issues:

- Role of engineering geology in the preservation and protection of and historic sites and geo-heritage.
- Case studies of geological hazards affecting heritage monuments and geo-heritage sites.
- Identification of risks, and fostering climate change resilience of heritage buildings and geo-heritage sites.
- Architectural heritage, heritage stones, and geo-heritage sites and their decay diagnosis.
- Resource surveys for dimensional stones, their geo-mechanical properties, quarry sites and stability issues of slopes, environmental issues of quarrying etc.

IMPORTANT DATES



Abstract for Oral Presentation and Poster Submission Deadline

Jun. 30, 2023



Early Bird Registration Deadline

Aug. 10, 2023



Online Registration Deadline

Sept. 21, 2023

SUBMISSION

For the full-length submission

The submission system is now open for full-length papers. The deadline for submission of full-length paper has been extended to May 31, 2023. Please read the guidelines for paper submittal prior to submitting your full-length paper.

Please read the guidelines prior to submitting your full-length paper or long abstract at <https://www.iaeg2023.org/cfp.html>

For the abstract submission

The abstract submission system for oral presentations and posters is open! If you would rather prepare an abstract for an oral or poster presentation, rather than submitting a full paper, please submit your abstract for consideration by June 30, 2023.

Please read the guidelines prior to submitting your abstract at <https://www.iaeg2023.org/cfa.html>



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