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CHENGDU, CHINA

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



Session 1-3

Engineering Geology and Environment of Redbeds

Conveners



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Brief Introduction of the Session:

As one of the most widely distributed and thickest sedimentary strata blanked on the lithosphere surface, the redbed is a special geological body recording the global natural environment and climate change. Meanwhile, the redbed is a typical stratum closely related to human production and life, engineering construction, and resource exploitation. Thus, the redbed is the incubator of major disasters, the carrier of major projects, and the attachment of the ecological environment. In the process of sustainable economic and social development, areas mantled by redbed are facing unprecedented disaster threats and catastrophic risks. Research on the engineering and environmental geology of redbed reaches an unprecedented height and provides a great opportunity for breakthroughs in frontal scientific issues concerning cataclysmic laws, causative mechanisms, and the efficient prevention and control of hazard risk.

In this light, this session is expected to provide a platform for extensive exchanges of scholars worldwide and provide useful suggestions for building habitable earth and solving engineering geology and environmental problems of redbeds.

This topic will discuss the following issues, but not limited to:

- Geological gene, interfacial effect, and the disaster-causing mechanism of redbeds
- Key factors controlling the cataclysm of redbeds and the synergistic effect of controlling factors
- Formation and evolution mechanism of catastrophic geological disasters in redbeds
- Formation and evolution mechanism of major engineering diseases in redbeds
- Dynamic interaction and evolution between exposed redbeds and the ecological environment
- Theories and key technologies for prevention and control of catastrophic disasters in redbeds
- Risk assessment of catastrophic disasters triggered by earthquake, rainfall, and human activity in redbeds

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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