

SEPT. 21-27, 2023  
CHENGDU, CHINA

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



Session 4-7

## NbS (Nature-based solution) for environmental protection and ecological restoration

### Conveners



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### Brief Introduction of the Session:

NbS is becoming popular in recent years because it not only provides ecological solutions but also holds co-benefits. Guided by the long-term goal of carbon neutrality, NbS plays an increasingly prominent role in tackling climate change. NbS is considered a robust and alternative measure to restore the damaged areas due to major engineering disturbances such as degraded landscape, slope and bank protection. To improve the self-recovery ability of the degraded ecosystems, multiscale analysis of the geological environment evolution, surface erosion, water conservation, interaction of atmospheric precipitation-surface water-groundwater-ecological water, and carbon sink.

This session will shed light on many recent research activities on applying nature-based solutions for environmental protection and ecological restoration in desertification area, and engineering disturbed area. The purpose of this session is to improve and facilitate the application of nature-based solution for geo-hazard mitigation, grassland desertification mitigation, ecological restoration, reducing water contamination, and improvement of soil quality.

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

- The interaction between geological and ecological elements.
- Ecological slope engineering and geohazards prevention.
- Eco-materials for geological environment protection.
- Comprehensive ecological restoration technology.
- Practice of NbS in the fields of ecological protection and restoration.

## 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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