

# CPEG 2025

SEPTEMBER 10-11

## CALL FOR ABSTRACTS

### TOPICS

Coupled Processes  
Waste Geotechnics  
Carbon Capture & Storage  
Surface Containment  
Sub-Aqueous Containment  
Climate Impacts  
Bio-Geotechnics  
Energy Geotechnics

4th International  
Symposium on

Coupled  
Phenomena in  
Environmental  
Geotechnics

Fort Collins, Colorado, USA

### ORGANIZED BY

ISSMGE (TC215)  
Colorado State University

### ABSTRACT DEADLINE

February 14, 2025

### UPDATES

[www.cpeg2025.org](http://www.cpeg2025.org)  
[cpeg2025@gmail.com](mailto:cpeg2025@gmail.com)

# ABOUT CPEG

The “International Symposium on Coupled Phenomena in Environmental Geotechnics (CPEG)” is a quadrennial event organized under the auspices of the Technical Committee TC215 (Environmental Geotechnics) of the International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE), with a focus on coupled processes (e.g., chemical-physical, bio-physical, multiphase flow, etc.) in environmental geotechnics.

The first symposium of the series was held in Torino (Italy) in 2013, the second in Leeds (UK) in 2017, the third virtually in 2021 hosted from Kyoto (Japan).

The fourth symposium, CPEG2025 will be held at Colorado State University in Fort Collins, Colorado, USA on September 10th and 11th, 2025.

The symposium will provide an opportunity for networking and discussion around coupled phenomena in environmental geotechnics – where we are at, and where we are going. We welcome submissions from all over the world.

## KEY DATES

December 23, 2025 **Call for Abstracts**  
February 14, 2025 **Abstract Deadline**

(We will not extend the abstract deadline)

February 28, 2025 **Abstract Acceptance**  
April 25, 2025 **Paper Deadline**  
May 30, 2025 **Paper Acceptance**  
September 10-11, 2025 **Symposium**

## MANUSCRIPTS

Abstracts should be 200-300 words long. Instructions for submission can be found at the CPEG2025 website listed below.

Acceptance for oral presentations will be provided with abstract acceptance.

The corresponding authors of accepted abstracts will receive further instructions for full manuscript submission. All manuscripts will be peer-reviewed and published open-access with individual DOI numbers.

## UPDATES

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## TOPICS

**Coupled Processes**, e.g., improved understanding of thermo-hydro-mechanical-chemical-bio-gas processes within soils, rock, and solid waste.

**Waste Geotechnics**, e.g., tailings and mine waste, radioactive waste disposal, waste degradation and settlement.

**Carbon Capture and Storage Sequestration**, e.g., carbon capture and storage (CCS), monitoring and verification of CCS

**Surface Containment**, e.g., engineered barriers/liners, covers, in situ barriers, bioreactor landfilling

**Sub-Aqueous Containment**, e.g., sub-aqueous capping of contaminated sediments, coupled settlement and contaminant transport

**Climate Impacts**, e.g., impacts of climate change to environmental containment systems, remediation systems.

**Bio-Inspired & Bio-Mediated Geotechnics**, e.g., hazard mitigation, dust suppression, vegetation in sustainable management of slopes, environmental protection and restoration.

**Energy Geotechnics**, e.g., energy geo-storage and geo-structures, energy pile

**Others**

## ORGANIZING COMMITTEE

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**Craig Benson** Co-Chair, University of Wisconsin

**Chuck Shackelford**, Colorado State University

**Kristin Sample-Lord**, Villanova University

**Gretchen Bohnhoff**, Milwaukee School of Engineering

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