

# CPEG 2020

**3rd International  
Symposium on  
Coupled  
Phenomena in  
Environmental  
Geotechnics  
Kyoto, Japan**

**October 29th-30th**



Dear fellow members of ISSMGE

As we enjoy of another fantastic ICEG, here, in Hangzhou, I am delighted to invite you to the third 'International Symposium on Coupled Phenomena in Environmental Geotechnics (CPEG2020)' that will be held in the city of Kyoto on October 28th – 29th (Thursday – Friday), 2020.

CPEG2020 is organized under the auspices of the Technical Committee TC215 (Environmental Geotechnics) of ISSMGE, and follows the very successful first two CPEG symposiums held in Torino (Italy) in 2013, and in Leeds (UK) in 2017.

CPEG2020 will be hosted in conjunction with the Japanese Geotechnical Society (JGS) and Kyoto University, and it will be followed by the 'Fifth World Landslide Forum' from November 2nd, making this a great opportunity to join both geotechnical events in the Ancient Capital of Japan.

As we polish the details of the symposium, we will update the CPEG2020 website with further information, including keynote speakers, detailed symposium themes, and key dates. Please, visit [www.cpeg2020.org](http://www.cpeg2020.org) and keep the address among your bookmarks for updated information.

I look forward to seeing you all in Kyoto in 2020.

**Takeshi Katsumi**  
**Chair of CPEG2020**  
**Kyoto University**  
**Japan**

# Themes (tentative)

## 1. Coupled Processes

Improved understanding of coupling of any natural and/or anthropogenic thermohydro-mechanical-chemical-bio-gas processes within soils and rocks  
Biogeochemical processes for improving or stabilizing soils  
Multi-phase flow

## 2. Soil-Atmosphere Interaction

Role of vegetation in sustainable management of slopes and geostructures  
Vegetation controls on urban flooding  
Geotechnics of the soil critical zone: creation or restoration of full soil functionality

## 3. Surface Containment

Waste characterization  
Landfill liners and environmental barriers  
Gas generation and extraction  
Waste degradation and settlement  
Capping systems for landfills and polluted sites  
Mine and mineral extraction wastes

## 4. Waste Geotechnics

Waste characterization  
Radioactive waste disposal  
Carbon capture and storage

## 5. Clean-up and Remediation

Novel characterization of contaminated sites  
Pollutant retardation and degradation processes  
Active barriers for polluted sites  
Bio-remediation of metals and radionuclides  
Natural attenuation and enhanced bioremediation of organic pollutants  
Contaminant extraction from polluted soil

## 6. Others

Organized with other TCs

# Key Dates

**Sep 30, 2019** Call for Abstracts

**Nov 30, 2019** Abstract Submission

**Dec 31, 2019** Abstract Acceptance

**Mar 31, 2020** Paper Submission

**Jun 30, 2020** Paper Acceptance

**Oct 29-30, 2020** CPEG2020

# Extra Information

Website: [www.cpeg2020.org](http://www.cpeg2020.org)

Full manuscripts will be published in the “**Japanese Geotechnical Society Special Publication**”, through J-STAGE, with individual DOI numbers

We expect to have a low-cost conference, aiming to 35,000-45,000 yen (300-400 USD) for early-birds

Two days after CPEG2020, the **Fifth World Landslide Forum**, organized by ICL, will also be held in Kyoto



**See you in Kyoto  
in 2020!**

