CPEG 2020
OCTOBER 29th-30th
3RD INTERNATIONAL SYMPOSIUM ON
COUPLED PHENOMENA IN ENVIRONMENTAL GEOTECHNICS
KYOTO, JAPAN

CALL FOR ABSTRACTS

TOPICS
Coupled Processes
Soil-Atmosphere Interaction
Surface Containment
Clean-up and Remediation
Waste Geotechnics
Energy Geotechnics
Bio-inspired/mediated Geotechnics
Reclamation
Others

ORGANIZED BY
ISSMGE (TC215)
Japanese Geotechnical Society (JGS)
Kyoto University

ABSTRACT DEADLINE
November 30th, 2019

UPDATES
www.cpeg2020.org
cpeg2020@geotech.gee.kyoto-u.ac.jp
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, and the second one in Leeds (UK) in 2017.

The third symposium, CPEG2020, is jointly organized by the Japanese Geotechnical Society (JGS) and Kyoto University, will be held at Kyoto University’s historical Clock Tower building on October 29th and 30th, 2020, and welcomes submission from all over the world.

KEY DATES
Sep 30, 2019 Call for Abstracts
Nov 30, 2019 Abstract Deadline
Dec 31, 2019 Abstract Acceptance
Mar 15, 2020 Paper Deadline
Jun 30, 2020 Paper Acceptance
Oct 29-30, 2020 Symposium

MANUSCRIPTS
Abstracts should be 200-300-word long. Instructions for submission can be found at the CPEG2020 website listed below.

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

TOPICS
Coupled Processes E.g., improved understanding of coupling of any natural and/or anthropogenic thermo-hydro-mechanical-chemical-bio-gas processes within soils and rocks, biogeochemical processes for improving or stabilizing soils, multi-phase flow, etc.

Soil-Atmosphere Interaction E.g., 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, etc.

Surface Containment E.g., landfill liners and environmental barriers, gas generation and extraction, capping systems for landfills and polluted sites, etc.

Clean-up and Remediation E.g., 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, etc.

Waste Geotechnics E.g., waste characterization, radioactive waste disposal, carbon capture and storage, waste degradation and settlement, mining and mineral extraction wastes, etc.

Energy Geotechnics E.g., energy geo-storage and geo-structures, numerical methods in energy geotechnics, geoenvironmental aspects of energy geotechnics, geosynthetics in energy applications, geotechnical challenges for energy infrastructure, etc.

Bio-inspired/mediated Geotechnics E.g., hazard mitigation, environmental protection and restoration, ground improvement, etc.

Reclamation E.g., environmental aspects of land reclamation, soil improvement, ground stabilization and its effects on contamination, coastal landfills, etc.

OTHERS

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