



SYMPOSIUM ON ENERGY GEOTECHNICS

23

ACCELERATING THE ENERGY TRANSITION

3 - 5 October 2023 - Delft, the Netherlands



Call for contributions for a mini symposium on:

Gas migration in geomaterials

The efficient, sustainable and safe implementation of many engineering activities in the subsurface, including the geological disposal of radioactive waste, CO₂ sequestration and H₂ storage, requires a detailed understanding and reliable prediction capacities of gas migration in geomaterials. The importance of understanding gas transport mechanisms to assess the performance of natural and engineered barriers has been highlighted in several international projects, including the work package GAS of the European project EURAD. Gas migration in geomaterials is a complex, strongly coupled problem, which is affected by the material properties, material state, gas characteristics, gas production/injection rate, and scale of observation, among others.

This mini symposium is designed as a forum for discussing recent developments and remaining challenges associated with gas migration in geomaterials. We welcome contributions that explore the topic from theoretical, experimental (laboratory and field) and/or numerical perspectives in any energy-related research area.

Submission deadline: February 28, 2023

Submit your contribution here: <https://seg23.dryfta.com>

Organisers



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