

# Numerical simulation in hydraulic resources and environmental engineering

## Session organizers

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## Description

This session will present and discuss advances in the numerical simulation of flows of interest in the area of water resources and environmental engineering. This session seeks articles describing one, two and / or three-dimensional numerical simulations with different temporal and spatial resolutions depending on the objective of the simulation (characterization of the mean flow, turbulence parameters, mixing processes and is recommended transport, spectral information, etc..) and the dimensions of the simulation domain (from small scales simulations for basic research to prototype scale simulations of hydraulic research flows including geophysical flows).