

Session title

Approaches for Climate-Resilient and Sustainable Water Planning

Description

The rapid growth in ground-based sensors and remote sensing approaches, explosion of data and means of exploring complex relationships with data science techniques, advancements in computational and numerical approaches, and expansion of communication platforms, provides opportunities for better understanding and managing the resource. The session should highlight various approaches used at small and large scales, from professional to layperson involvement, to provide for sustainable supply of water to local communities, farm entities, and industrial organizations, considering rising demand and climate change impacts. We have been managing our water resources for generations.

Keywords

Sustainable resource management, planning, risk evaluation, modeling, knowledge access, climate resilience.

Session Chair

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Conveners

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