



## Central America and Caribbean Hydrometeorology and Hydroclimate

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### Message from the Guest Editors

This Special Issue invites contributions from studies in a wide range of topics and subtopics, focusing on Central America and Caribbean hydrometeorology and hydroclimate. The aim is to deepen knowledge already known and put into discussion new assessments and approaches for investigating atmospheric systems, processes and mechanisms that are involved and linked to the hydrological cycle. Main topics:

1. Observed changes in precipitation and future projections in climate change scenarios.
2. The surface-atmosphere water interactions through: precipitation, evaporation, surface runoff, soil moisture, groundwater and stream flows.
3. Impact of land use change on rainfall variability.
4. Atmospheric moisture transport: a bridge between evaporation and precipitation
5. Extreme Events: droughts, floods, and associated mechanisms
6. Numerical and statistical modeling
7. Warm Pools, Low-Level Jets, Cold Fronts and Monsoons
8. Tropical Cyclones
9. Impact of Modes of Climate variability on hydrological regimes
10. Remote Sensing and hydrological measurements
11. Hydrometeorological Risks
12. Water Resources Management and adaptation strategies

