Special Issue

Central America and Caribbean Hydrometeorology and Hydroclimate

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:

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

Guest Editors

Dr. Luis Gimeno

Dr. Ana María Durán-Quesada

Dr. Paulina Ordoñez

Dr. Rogert Sorí

Deadline for manuscript submissions

closed (31 October 2020)

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/si/24999

Atmosphere
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
atmosphere@mdpi.com

mdpi.com/journal/atmosphere

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/journal/atmosphere

MDPI

About the Journal

Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

Editor-in-Chief

Dr. Daniele Contini
Institute of Atmospheric Sciences and Climate (ISAC), National Research Council (CNR), Str. Prv. Lecce-Monteroni km 1.2, 73100 Lecce, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, Inspec, CAPlus / SciFinder, Astrophysics Data System, and other databases.

Journal Rank:

CiteScore - Q2 (Environmental Science (miscellaneous))