Special Issue

Subterranean Shifts: Investigating the Dynamic Interplay of Climate Change and Groundwater

Message from the Guest Editors

Studying the relationship between climate change and groundwater is important because it can help us understand how to manage and protect our groundwater resources in a changing climate. By understanding how changes in precipitation and temperature patterns impact groundwater, how sea-level rise, storm surges and seawater inundation impacts aquifer systems and groundwater resources, we can develop more effective strategies for water resource management and conservation. This knowledge can also help us predict and adapt to future changes in water availability and quality.The main aim of this Special Issue is to initiate discussions, explore ideas, focus on collaborations, and share concepts that will help us design and implement effective groundwater monitoring and management strategies and prepare for tomorrows changing climate.

Guest Editors

Dr. Alvin Lal

Global Center for Environmental Remediation, University of Newcastle, Newcastle, NSW, Australia

Dr. Bithin Datta

Discipline of Civil Engineering, College of Science & Engineering, James Cook University, Townsville, Australia

Deadline for manuscript submissions

closed (16 February 2024)

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/si/163316

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

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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

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