

## Special Issue

# Climate Change in the Environmental Impact: Monitoring, Observation and Applications

### Message from the Guest Editor

We invite submissions for our upcoming Special Issue focusing on the critical role of monitoring and observation in understanding, analyzing, forecasting, and/or mitigating the environmental impacts of climate change. This issue aims to showcase cutting-edge research and innovative methodologies that enhance our ability to track, analyze, and respond to climate-related environmental challenges. We welcome contributions from various fields—including coastal ecosystems, mountain areas, agriculture, urban environments, and more—that explore novel applications in remote sensing, data analysis, modeling, and more. Interdisciplinary approaches bridging gaps between science, technology, and decision makers are encouraged. This is an excellent opportunity to share your work with a global audience and contribute to advancing knowledge in this vital area. Keywords

- field measurements
- data analysis
- numerical modeling
- risk assessment
- hazards
- mitigation
- prevention

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### Guest Editor

Dr. Ricardo Castedo

Departamento de Ingeniería Geológica y Minera, Universidad Politécnica de Madrid, 28040 Madrid, Spain

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### Deadline for manuscript submissions

31 March 2025



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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