Climate Change, Risk and Resilience
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Editorial

Inaugural Editorial: Advancing *Climate Change, Risk and Resilience* Research for a Sustainable Future

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We are delighted to announce the launch of *Climate Change, Risk and Resilience* (CCRR), an international, peer-reviewed, open-access journal dedicated to unraveling how a changing climate reshapes natural and human systems and to exploring pathways toward resilient and sustainable futures. The CCRR provides a platform for disseminating cutting-edge research and integrative perspectives that bridge climate processes, climate-driven disasters, and the diverse ways societies anticipate, absorb, and transform in response. The CCRR disseminates research that deepens our understanding of earth system responses to climate change, quantifies climate-related and systemic risks, and guides adaptation and resilience strategies. In a world of accelerating climate change, intensifying extremes, and growing social and economic interdependencies, the demand grows for a journal that tightly connects climate science, risk assessment, and resilience practice while showcasing research that is simultaneously rigorous and decision-ready. The CCRR is founded precisely to meet this need.

1. Journal's Scope and Mission

Climate Change, Risk and Resilience covers a broad scope of topics spanning climate change, climate-driven disasters, and pathways to resilient, sustainable societies. We welcome submissions from researchers in climate and Earth system science, hydrology, ecology, disaster risk science, environmental engineering, social sciences, public policy, and allied fields. Topics span—without being limited to—climate dynamics and variability; land–atmosphere–ocean feedbacks; impacts of climate change on ecosystems and hydrological systems; the mechanisms, modeling and prediction of extreme and compound events; quantitative hazard and risk assessment; adaptation planning; nature- and ecosystem-based solutions; and governance innovations that build resilience.

Particular attention is paid to the interactions between natural processes, systemic risks, and societal responses, together with their joint consequences for equity, development, and enduring resilience.

Grasping these issues is essential to fortify climate risk governance, refine early warning and risk management systems, and advance sustainable development in a changing climate.

2. Significance to the Field

The focus of CCRR is pivotal to advancing the emerging interdisciplinary domain centered on climate risk and resilience. Climate change interacts with hydrological, ecological, economic, and social systems through complex, non-linear pathways, spawning extreme and compound events–simultaneous droughts and heatwaves, multi-basin flooding, and climate-driven cascading failures in infrastructure networks, etc. These phenomena often cross sectoral and administrative boundaries, challenging conventional, single-hazard approaches to risk management. At the same time, rapid urbanization, land-use change, and deepening interdependence among energy, water, food, and transport systems generate new vulnerabilities and widen existing inequalities. By uniting physical climate science, risk modeling, systems analysis, and institutional and social perspectives, CCRR aims to

clarify how climate change, systemic risk, and resilience outcomes are linked and to pinpoint effective strategies that reduce vulnerability, protect critical systems, and support just, climate-resilient development.

3. Invitation to the Community

We warmly invite researchers from climate and Earth system science, hydrology, ecology, disaster risk and resilience, infrastructure and urban studies, environmental and social sciences, public health, economics, and governance to contribute to CCRR. Whether through original research, perspectives, reviews, or case studies, we welcome submissions that bring new findings, concepts, and methods to our global readership. We also encourage innovative approaches-advanced numerical modelling, data-driven and machine-learning techniques, integrated assessment frameworks, and participatory or transdisciplinary research that engages stakeholders and communities. Your participation as reviewers and guest editors is equally essential, helping to uphold the journal's rigor and to shape topical collections on emerging themes-compound extremes, systemic risk in critical infrastructure, nature-based solutions for adaptation, climate-resilient urban and rural transformation, and climate risk communication and governance.

4. Future Outlook

Looking ahead, CCRR aspires to ambitious goals. We are committed to expanding our Editorial Board with experts from diverse disciplines, regions, and career stages, mirroring the journal's international and interdisciplinary reach. Our long-term ambition is to position *Climate Change, Risk and Resilience* as a leading journal, acclaimed for high-impact research that advances integrated understanding and practice at the climate–risk–resilience interface. By fostering dialogue among science, policy, and practice communities, CCRR seeks to contribute to more informed decision-making and to the co-creation of solutions that support resilient and sustainable futures.

Acknowledgements

With the launch of CCRR, we extend our sincere gratitude to the Editorial Board members, reviewers, and authors who have contributed to the journal's inception. Your dedication, expertise, and commitment to excellence are indispensable to building this platform. We also thank the broader research and practitioner community for your support and engagement. Together, let us push the frontiers of knowledge on climate change, risk, and resilience—CCRR warmly welcomes your submissions and collaboration.

Conflicts of Interest

The author declares no conflict of interest.

Use of AI and AI-Assisted Technologies

During the preparation of this work, the author used Chatgpt for language refinement. After using this tool, the author reviewed and edited the content as needed and takes full responsibility for the content of the published article.