

EDITORIAL

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# A new journal, a safer future

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As climate extremes intensify and human activities reshape the Earth's surface at an unprecedented scale, geohazards—from landslides, earthquakes, and debris flows to ground subsidence and glacial collapses—are becoming more frequent, complex, and devastating. Geohazards with unique characteristics that have never happened in the history keep emerging and lead to significant damages. According to United Nations statistics, the direct losses caused by global disasters are approximately 202 billion US dollars annually, while the indirect losses reach as high as 2.3 trillion US dollars. Facing the increasingly severe situation of geohazards, both researchers and engineers are confronted with unprecedented new challenges and opportunities in understanding and mitigating geohazards. The need for robust, interdisciplinary, and globally collaborative research on geohazards has never been more urgent.

It is with an unwavering sense of mission that we introduce *Geohazards & Remediation* (GR)—a new international, open-access journal committed to creating a premier exchange platform for high-quality theoretical advancements, innovative technical methodologies, and practical engineering experiences in the field of geohazards. The objective is to promote a comprehensive improvement in our ability to predict, mitigate, resist, and reduce geohazards, while advancing global geohazard research and leading technological innovation. GR was

founded by Higher Education Press, and the team of editors is led by Tongji university.

GR encourages submissions of paper in various types, including Research Articles, Review Articles, Case Reports, and Perspectives. Adhering to the concept of multi-disciplinary cross-integration in running the journal, GR focuses on the key scientific and technological issues in core areas of geohazards, including geohazard mechanisms, prevention and control measures, monitoring and early warning, risk assessment, emergency response, and post-disaster recovery. In particular, GR publishes research that showcase innovative discoveries opening up new directions in the field of geohazards, and cutting-edge research on emerging geohazards such as cluster and cascading geohazards, with advanced theoretical, experimental, field-based, and artificial intelligence (AI) approaches.

To achieve full-chain coverage from academic research to engineering applications, GR takes into account both theoretical frontier and practical value, provides not only an academic exchange platform for researchers, but also implementable technical solutions for engineers and technicians. This journal is committed to providing a fair, fast, and transparent review process, and accepted papers are published by Higher Education Press and Springer. In the pre-launch period, GR will not charge any publication fees and will waive the open access fees.

We highly appreciate your support and attention to GR, as well as your valuable contribution in understanding and mitigating geohazards. We sincerely look forward to communicating and working with you through GR, to make the world a safer and better place. Please follow our updates through the official website.

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