

# From Foundations to Frontiers: Introducing Civil and Geoengineering Letters

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**From the Editors-in-Chief:** With great honor and anticipation, we are pleased to introduce the inaugural issue of *Civil and Geoengineering Letters* (CGEL). The creation of this journal marks the beginning of a journey that has been envisioned for years, a journey rooted in our shared belief that civil and geo-engineering need a platform where ideas, discoveries, and innovations can be disseminated rapidly, openly, and without barriers.

## I. WHY THIS JOURNAL

Civil and geoengineering are disciplines that shape the very foundations of our societies. From the stability of slopes and foundations to the resilience of bridges, tunnels, infrastructure, and lifelines, the science of earth and geomaterials, as well as civil infrastructure, defines both the safety and sustainability of human development. Nevertheless, as the pace of urbanization accelerates and climate-related challenges intensify, the demand for new solutions, interdisciplinary perspectives, and international collaboration has never been greater. Despite the richness of existing journals, we recognized a need for a publication that is both concise in format and open in access, a venue where emerging ideas and impactful results can be shared in a timely manner with the global community. It is in this spirit that *Civil and Geoengineering Letters* has been founded.

## II. OUR VISION

The word *Letters* in our title signifies speed, clarity, and impact. Our goal is to provide researchers and practitioners with a medium for publishing short but significant contributions that advance the field. Whether through novel experimental insights, innovative computational models, or case studies with practical implications, we welcome work that not only deepens our scientific understanding but also translates into real-world applications.

## III. EDITORIAL STANDARDS

Quality remains the cornerstone of this journal. All submissions will undergo a rigorous double-blind peer-review process, guided by international experts in the field. As *Editors-in-Chief*, we are committed to maintaining transparency, fairness, and timeliness in editorial decisions, and to providing authors with constructive feedback that helps their work reach its full potential.

## IV. COMMITMENT TO OPEN SCIENCE

We are proud that *Civil and Geoengineering Letters* is launched as a [Gold Open Access](#) journal. All articles are freely available, ensuring that knowledge is not confined to subscription boundaries but shared globally, from leading institutions to developing regions. Every publication is licensed under Creative Commons Attribution (CC BY 4.0), underscoring our commitment to making science accessible to all.

## V. LOOKING AHEAD

The launch of *Civil and Geoengineering Letters* is not the end of a process but the beginning of a collective endeavor. In the coming years, we aim to publish special issues on emerging topics, including climate-resilient geo-engineering, sustainable infrastructure design, and digital innovations in civil engineering. We also aim to foster international collaborations by engaging both established scholars and the next generation of researchers.

## VI. SCOPE AND AREAS OF INTEREST

*Civil and Geoengineering Letters* is devoted to advancing knowledge across a spectrum of fields that intersect at the interface of the built environment and the earth sciences. We welcome contributions in:

- *Civil Engineering*: structural, geotechnical, soil mechanics, hydraulic, and transportation systems that underpin modern infrastructure.
- *Geosciences and Engineering Geology*: earth processes, geomaterials, and earth-dynamics that directly influence engineering design and safety.
- *Mining and Rock Engineering*: methods and technologies for resource extraction and subsurface engineering, rock mechanics.
- *Remote-sensing and Geospatial Applications*: innovative tools for monitoring, mapping, and modeling the earth and built environment.
- *Environmental Engineering*: sustainable solutions for managing natural resources and mitigating environmental impacts.
- *Natural Hazards and Risk Assessment*: understanding, modeling, and managing geohazards, including landslides, earthquakes, floods, and climate-driven risks.

By embracing this wide scope, we do not seek to dilute our focus. Rather, we recognize that the pressing challenges of our time demand solutions that are inherently multidisciplinary,

drawing insights from civil engineering, earth sciences, mining, environmental systems, and emerging technologies alike.

## VII. A CALL TO OUR COMMUNITY

The success of this journal depends not only on its editors but on the strength of its community. We invite you (i.e., researchers, practitioners, educators, and students) to be part of this journey. Share your findings, engage with the work of others, and help us shape *Civil and Geoengineering Letters* into a vibrant and trusted home for impactful knowledge.

We extend our deepest gratitude to our editorial team, reviewers, and early contributors who have supported the launch of this initiative. Together, please help us build a journal that reflects the values of excellence, openness, and service to society.

Sincerely,

**Editors-in-Chief**

*Civil and Geoengineering Letters*