



Guest editors:

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Call for Papers

Special Collection on Emerging and Innovative Technologies in Environmental Engineering



Aims & Scope

The Special Collection is designed to highlight the innovative work on conceptualizing, developing, and implementing new environmental engineering technologies. Contributions are sought on transformative research and emerging technologies at different stages of maturity – from proof-of-concept to prototyping, to development, to piloting, to scale-up and testing. Special emphasis is on

- Environmental technologies and innovations emerging across traditional disciplinary boundaries
- Successes and challenges of translating fundamental discoveries into sustainable and affordable engineering solutions
- “Pioneer technologies” that open new fields of inquiry
- Role of industry linkages, private sector, and startups in translational research and technology development
- Rapid response technologies: Accelerated technology development to tackle environmental crises
- Novel environmental technologies for mitigating carbon and pollutant emissions and harmonizing socio-economic development
- Case studies: Environmental engineering innovation as a response to emerging environmental pollution challenges (PFAS, antibiotic resistance genes, endocrine disruptors, viruses, PPCPs, harmful algal blooms and cyanotoxins, produced water, etc.)

The Special Collection will include papers across the spectrum of formats including State-of-the-Art Reviews, Technical Papers, Case Studies as well as Forum articles.

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Manuscript Submission Guidelines

1. There is no submission deadline. This is a standing Special Collection and manuscripts can be submitted on a continuing basis.
2. Please submit your manuscript via ASCE Journal of Environmental Engineering website:
<http://www.editorialmanager.com/jrneeng>
3. Once on the Editorial Manager website, indicate that your paper is for the special collection "Emerging and Innovative Technologies in Environmental Engineering" edited by H. Choi, Y. Deng, D. Dionysiou, G. Huang, D. Reible, R. Surampalli, V. Tarabara and H. Walker.
4. Detailed information on the submission process is provided in the document "Publishing in ASCE Journals: A Guide for Authors" available at <https://doi.org/10.1061/9780784479018>

Please note that this is an invitation to submit papers for peer review and does not imply acceptance for publication. Acceptance of submitted papers depends on the results of the regular peer review process.

All accepted papers submitted in response to this Call for Papers will be published in regular issues of the ASCE *Journal of Environmental Engineering* and assembled online on a page dedicated to this Collection.

See <https://ascelibrary.org/page/joeedu/specialcollections> for the list of Special Collections already published.