

Special Issue

Innovative System Architectures for High-Performance Geospatial Computing

Message from the Guest Editors

We are pleased to announce a CFP for a Special Issue, "Innovative System Architectures for High-Performance Geospatial Computing", in the *Electronics* Journal. This Special Issue invites submissions of original research and review articles related to high-performance geospatial computing, including—but not limited to—innovative hardware and software methods. This Special Issue aims to provide a platform for researchers and practitioners to share their latest findings and innovations in the field of high-performance geospatial computing. Topics of interest for this special issue include, but are not limited to:

- Innovative hardware and software architectures for geospatial computing.
- Algorithms and methods for high-performance geospatial data processing and analysis.
- Cloud for geospatial computing and edge-based solutions.
- AI for geospatial computing, new algorithms and methods.
- Geospatial data visualization and user interfaces.
- Applications of geospatial computing in navigation, transportation, environment, and disaster management.
- Performance evaluation and benchmarking of geospatial computing systems.

Guest Editors

Dr. Zhou Huang

Prof. Dr. Jiayuan Lin

Dr. Lin Wan

Deadline for manuscript submissions

closed (20 January 2024)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).