

## Special Issue

# Multimodal Remote Sensing for Wildfires

### Message from the Guest Editors

This Special Issue invites submissions of extended and significantly revised versions of high-quality papers presented under the Community Contributed Theme “Advances in GeoAI Systems for Wildfire Monitoring” at the 46th International Geoscience and Remote Sensing Symposium (IGARSS 2026). Additionally, this Special Issue warmly welcomes new and original contributions from researchers, practitioners, and industry experts whose work aligns with the thematic scope of remote sensing and GeoAI for wildfire studies.

We aim to advance research and innovation in the design, development, and deployment of remote sensing methods and intelligent geospatial systems for wildfire monitoring, prediction, and management. Submissions may cover, but are not limited to, the following topics:

1. CV & vision-language models for land-cover, vegetation indices, spread, and post-fire damage maps.
2. Data fusion systems for multispectral, hyperspectral, LiDAR, and SAR remote sensing applied to forest and wildfire studies.
3. Novel pipelines for 3D forest scene reconstruction using LiDAR, multi-view imagery, feed-forward 3D transformers, neural implicit models, and Gaussian Splatting.

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### Guest Editors

Dr. Kyle Gao  
Dr. Linlin Xu  
Dr. Liangzhi Li

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### Deadline for manuscript submissions

31 December 2026



## Electronics

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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 guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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