

Special Issue

Advances of Underwater Remote Sensing of Methane: Spatiotemporal Distribution

Message from the Guest Editors

This Special Issue aims to and methods of underwater methane pipeline leakage detection, sensing and positioning, including but not limited to the following topics:

- Underwater methane pipeline leak remote sensing and locating technology;
- MEMS sensors of underwater methane pipeline leak detection and remote sensing;
- Algorithms of remote sensing, detecting and locating underwater methane pipeline leaks;
- AI-enabled methods of the underwater methane leak sensing remotely;
- New sensors, i.e., MEMS sensors, sensors arrays, to detect the underwater methane pipeline leak;
- Multi-sensor integration of the underwater methane pipeline leak detection and position;
- Real-time monitoring and mapping of the underwater methane pipeline leak.
- Other remote sensing technologies or sensors for underwater methane pipeline leak remote sensing.

Guest Editors

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Deadline for manuscript submissions

closed (20 April 2025)



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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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