Special Issue

Artificial Intelligence for Natural Hazards (AI4NH)

Message from the Guest Editors

This Special Issue focuses on both supervised and unsupervised deep/machine learning models for converting EO data into valuable information, meaningful patterns for modeling, and the prediction of upcoming cycles of natural hazards. Therefore, we aim to discover and highlight new deep/machine learning models for EO data analysis to gain a better understanding of natural hazards, their environmental effects, risk assessment (and vulnerability), disaster risk reduction, climate adaptation, disaster resilience, and hazard recovery. This Special Issue invites submissions that may include, but are not limited to, the following natural hazards:

- Landslides and Submarine landslides
- Volcanoes
- Snow avalanche
- Glaciers
- Earthquakes and tsunamis
- Storms
- Land subsidence
- Droughts
- Extreme temperatures
- Floods
- Wildfires/bushfires
- Post-fire debris flow
- Deforestation
- Soil, gully, and piping erosion
- Multi-hazards.

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Deadline for manuscript submissions

closed (30 June 2025)

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Message from the Editorial Board

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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