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Satellite Remote Sensing of High-Temperature Thermal Anomalies, Volume II

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Deadline for manuscript submissions:
closed (30 November 2023)

Message from the Guest Editors

Dear Colleagues,

High-temperature thermal anomalies are of great interest to the scientific community. Hot features such as lava flows, forest fires and gas flares may have a significant impact on social and economic human activities. Efficient monitoring systems are then required to mitigate the effects of these features on population and environment. Satellite remote sensing plays from decades an important role to study, and monitor high-temperature thermal anomalies. New systems such as Unmanned Aerial Vehicle (UAV) have also shown a high potential in investigating hot targets, complementing ground and satellite observations.

This Special Issue focuses on innovative remote sensing techniques aiming at improving our capacity in detecting, analyzing and quantifying hot targets. The guest editors encourage the submission of manuscripts with particular reference to the:

- Novel remote-sensing techniques for thermal anomaly investigation and characterization
- Use of data from new generation satellite sensors;
- Multi-sensor data fusion (e.g. thermal, microwave);
- Uncertainty analysis related to the remote sensing of high-temperature anomalies

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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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