



## Remote Sensing Role in Emergencies Seen from the Sky

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### Message from the Guest Editors

Dear Colleagues,

The science of remote sensing allows us to detect, measure, and model changes and events that occur on Earth's surface and in the atmosphere. There are satellites that by optical depth can measure the concentrations of NO<sub>2</sub>, CO, and aerosols in the atmosphere (e.g., the OMI instrument on the Aura platform, the AIRS and MODIS instruments on the Aqua platform, or the recent Sentinel-5P). In addition, there are satellites that have an infrared thermal band that can be used to estimate and study the change of the Land Surface Temperature (LST) before, during, and after the lockdown periods (e.g., Sentinel-3A/SLSTR, MODIS/MOD11A1 with daily measurement, MODIS/MOD11A2 with 8-day measurement, or Landsat 8, 7, 5 Level-2 Surface Reflectance).

We would like to invite you to contribute papers that study these topics of correlation between, for example, LST and air pollution, the impact of climate change and the complex crises of population and territory, such as, for example, droughts, forest fires, ice melting, floods, and other manmade and natural risks, and their consequences affecting stability and economic aspects.





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