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## Remote Sensing Observations to Improve Knowledge of Lithosphere–Atmosphere–Ionosphere Coupling during the Preparatory Phase of Earthquakes

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Deadline for manuscript submissions:

**closed (31 October 2023)**



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### Message from the Guest Editors

Dear Colleagues,

In the last decades, several satellite observations have been used not only for co-seismic precise effects estimation but also to search for possible precursors signals. Some satellites have been launched for this purpose such as DEMETER (Detection of Electro-Magnetic Emissions Transmitted from Earthquake Regions), which flown from 2004 to 2010, and CSES-01 (China Seismo Electromagnetic Satellite), which is successfully in orbit from 2 February 2018 and it is in good operating conditions.

We welcome papers that explore the statistical significance of pre-earthquake processes that occurred in the lithosphere, atmosphere and ionosphere, as detected by satellite and or other methods. Papers with deterministic, empirical or analytical models of the lithosphere, atmosphere and ionosphere coupling (LAIC) effects are also welcome.

Furthermore, papers concerning earthquake investigations using remote sensing data are precious for understanding the physics and mechanisms of such phenomena.

Dr. Dedalo Marchetti  
Prof. Dr. Kaiguang Zhu  
Prof. Dr. Yunbin Yuan  
Guest Editors

# Special Issue



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## Message from the Editor-in-Chief

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