



Advances in Exploring the Moon, Mars, and Asteroids Based on In-Situ and Remote Sensing Measurements

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Deadline for manuscript
submissions:
closed (28 February 2026)

Message from the Guest Editors

Dear Colleagues,

This Special Issue intends to capture recent achievements and future trends in robotic exploration enabled by remote sensing and other in situ measurements techniques. Data collected by planetary orbiters, landers, and rovers have already contributed to our understanding of other celestial bodies. These necessary instruments are expected to improve in terms of performance while reducing their size, mass, and resource needs in order to comply with the actual trends, like smallsats for exploration.

The solicited papers for the proposed Special Issue will cover scientific traditional topics and novel areas like innovative strategies for interplanetary transfer and observation, the characterization of planetary environments, the identification of space resources/reserves, potential habitability assessment, and new payloads for small satellites.





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Message from the Editorial Board

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