



Next Generation Planetary Mission Concepts, Sampling and Measurement Techniques and Enabling Technologies

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Message from the Guest Editor

The planetary science community has been very successful in the last decade, achieving major findings that have significantly advanced the state of planetary science. As we look ahead, new focus areas of high impact have also been inspired. These include habitability, ocean worlds, astrobiology, and the search for life and analogs to help our understanding of exoplanets. Achievement of next generation science breakthroughs will require the development of new technologies for sampling and instruments and spacecraft for remote in situ and subsurface applications. Fortunately, we are in a period of rapid technology advancement and are well positioned to make such advancements come to life for space science. This Special Issue intends to provide insights into a) new science mission concepts, b) emerging sampling and measurement techniques needed to acquire the relevant data, and c) spacecraft technologies that will enable the future vision. The intent of this issue is to look ahead and set the stage for the planetary missions of the next decade.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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