

Special Issue

Making an Impact: Exploring Advances in Meteorite and Mineralogical Studies in Planetary Science

Message from the Guest Editors

This Special Issue invites papers related to the analysis of impact structures, meteorites, and other similar planetary materials that advance our understanding of the origin and evolution of terrestrial planetary bodies both within the Solar System and beyond. Specifically, this Special Issue aims to provide an outlet for rapid, widely accessible publication of new peer-reviewed studies that advance the body of knowledge available on minerals, meteorites, and impacts. Potential topics may include, but are not limited to:

- Geochemical and Petrological Analysis of Meteorites and Their Mineralogy
- New Experimental and Numerical Techniques for Studying Meteoritic Materials
- Experimental Studies of Mineral (Meta)Stability
- Studies of Impact Structures and Conditions
- Simulation of Impact-like Conditions
- Shock Effects on Rocks and Minerals

Contributions that involve field work, analytical studies, laboratory and experimental studies, remote studies, theoretical and numerical approaches, and any combination of the above are most welcome and will find a home in this Special Issue. We look forward to receiving your submissions!

Guest Editors

Dr. Matthew L. Whitaker

Dr. Steven J. Jaret

Dr. Arya Udry

Deadline for manuscript submissions

closed (31 December 2021)



Geosciences

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CiteScore 5.1



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About the Journal

Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Editor-in-Chief

Prof. Dr. John C. Eichelberger

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