

Martian Meteorites

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Message from the Guest Editor

Dear Colleague,

Martian meteorites are a major source of information for understanding both primary and secondary geological and geochemical processes on the surface and subsurface of Mars. Mars is being investigated from an increasing number of orbiters and mobile landers with the primary goal to discover habitable environments, and ultimately extinct or extant forms of life.

The International Society for Meteoritics and Planetary Science lists 180 meteorites that are identified as Martian. It is important to investigate the origin of these samples, the range of environments they cover, and their precise chronology. Martian meteorites will also be of paramount importance in aiding the selection of promising landing sites, troubleshooting current measurements on the surface of Mars, calibrating future Mars scientific payloads, etc. Research on Martian meteorites will add to an already extensive database that will further unravel Mars' tantalizing history and its habitability.

Dr. Elias Chatzitheodoridis
Guest Editor

