



Geologic Environment Characterizations and Numerical Modeling of Early Mars Climate Change into a Cold and Dry World

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

Approximately 3.8 billion years ago, Mars experienced its most dramatic climatic transition; it went from being an “Earth-like” planet with an active surface hydrosphere (thought to have connected vast rivers, lakes, seas and oceans) to a world dominated by extremely cold and dry desert environments, which have persisted until today.

Mechanisms leading to this episode of climate change remain one of the key mysteries in Mars geosciences. Here, we invite contributions, which—based on surface geologic analyses and/or the implementation of numerical models—would describe geologic environments and processes resulting from, and/or contributing to, the climatic transition.

Dr. Alexis Palmero Rodriguez

Guest Editor





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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.

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