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Mechanics of Erosion: Process Response to Change

Guest Editor:

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Deadline for manuscript submissions:
closed (31 July 2018)

Message from the Guest Editor

Manuscripts published in this Special Issue of Geosciences include critical reviews of our current understanding of processes in the broad topics of both eolian and fluvial erosion sciences. Topical papers report relevant and current research arenas that are at the forefront of developing methodologies, physical-based modeling for prediction, and climatic or human impacts leading to erosion threshold variations, and ultimately, rates of change in landform evolution.

The Special Issue is open for submission of manuscripts documenting original research in one of the following, or closely-related fields:

1. Eolian dynamics, processes of transport and deposition
2. Fluvial erosion, river processes, sediment entrainment and wash over land surfaces
3. Erosion measurements in natural and anthropogenic settings
4. Physically-based models for erosion prediction
5. Climate change and resulting changes in erosion thresholds
6. Agricultural practice/modeling for erosion reduction

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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 coherentset of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientificallybased political decisions.

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