

## Special Issue

# Landscape Evolution in Tectonically Active Regions

### Message from the Guest Editor

Studies have proved the intimate connections between landscape evolution and tectonic processes in different geodynamic environments. Tectonic processes have also been proved to play a fundamental role on planetary surfaces in the solar system, providing a key to unravel their evolution, as well as identifying possible locations for the development of life. Surface topography is the result of competition between tectonics and surface processes. In this way, active tectonics produces a series of effects on the planet surface detectable on multiple scales, ranging from the regional, crustal isostatic processes to the local effect of active faulting and folding. The aim of this Special Issue of *Geosciences* is to collect original, multidisciplinary contributions on studies related to the landscape evolution from the extensional, convergent (either collisional and/or subduction zones) and conservative (transform and strike-slip zones) margins. Contributions focused on the tectonic signature on landscapes in intraplate geodynamic setting, as well as studies on the morphotectonic setting of planetary surfaces, are warmly welcome.

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 September 2023)



## Geosciences

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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.

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### Editor-in-Chief

Prof. Dr. John C. Eichelberger

Alaska Center for Energy and Power, University of Alaska Fairbanks,  
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