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Behavior of Expansive Soils and its Shrinkage Cracking

Guest Editor:

Deadline for manuscript submissions:
closed (15 September 2019)

Message from the Guest Editor

This Special Issue of Geosciences solicits original contributions on expansive soils and their shrinkage cracking mechanisms under different moisture stress (suction) and boundary loading (or constraints) conditions. The goal of this Special Issue is to gather high-quality original research articles, review articles, case histories, as well as short communications on recent advances on the understanding of behaviour of expansive soils and of effects of cracks on their volume change and hydraulic behaviour in the vadose zone (or moisture active zone).

We welcome contributions on fundamental and applied studies in geo-science and geo-engineering research and practice, including: Volume Change, Moisture Flow and Drying Shrinkage Cracks. Studies involving various levels of coupling (fully coupled models; sequentially coupled models, etc.) between the moisture flow and volume change with and without the effects of cracks in the unsaturated zone are also welcome.

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Editor-in-Chief

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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.

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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