Special Issue

Computational Sustainability: The Role of Earth Observation Science and Machine Learning in Securing a Sustainable Future

Message from the Guest Editor

Data-driven, informed decisions about future actions regarding the environment depend critically on accurate and up-to-date spatial information about geographically-distributed phenomena and patterns. Moreover, uncertainties stemming from natural hazards and risks can potentially have severe environmental, societal, and economic impacts, and should be included in any urban and regional planning or infrastructure engineering design. Modern earth observation science can provide this information with unprecedented accuracy and precision to earth and environmental sciences and engineering. The purpose of this Special Issue is to investigate the ways the core information technologies of earth observation science on one hand, and machine learning and spatial data science on the other, can provide high quality spatial information and computational models in order to assist sustainability science tackle the complex problems our planet is facing today and secure a sustainable future. I would like take this opportunity to encourage you to submit articles and scholarly papers on the relevant topics of this Special Issue. Guest editor:

Guest Editor

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Deadline for manuscript submissions

closed (20 September 2022)

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen
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