



Data-Driven Approaches for Identifying Environmental Sustainability Challenges and Benefits

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Message from the Guest Editors

Dear Colleagues,

Achieving climate targets at regional, national and even global levels requires a comprehensive framework to address environmental challenges and prioritise available solutions and opportunities. A central area of environmental protection, which is also becoming increasingly important in avoiding and limiting climate change, is the transformation to a circular economy, which encompasses strategies beyond CO₂ reduction and focuses on improving product durability, reusability and repairability, and enhancing energy and resource efficiency.

This Special Issue seeks to gather insights into innovative approaches and technologies that demonstrate a comprehensive understanding of the impacts and benefits of various practices related to climate change mitigation and air pollution reduction. The objective of this Special Issue is to reveal prominent approaches for modelling, estimating and forecasting environmental challenges, while measuring specific drivers and inhibitors that defy environmental sustainability. The outcome of this investigation can serve as a basis for developing strategies that could advance environmental management systems in the context of the SDGs.



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