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Computational Methods and Data-Driven Techniques in Sustainability Science

Guest Editors:

Message from the Guest Editors

Dr. Haoiie Lian

Key Laboratory of In-Situ Property-Improving Mining of Ministry of Education, Taiyuan University of Technology, Taiyuan 030024, China

Dr. Xiao Lin

School for Business and Society, University of York, York YO10 5ZF, LIK

Dr. Wenjun Yuan

School of Energy and Power Engineering, Xi'an Jiaotong University, Xi'an 710048, China

Deadline for manuscript submissions:

closed (15 December 2023)

Dear Colleagues,

Sustainability science has emerged as a new academic discipline that aims to understand and address challenges that threaten the future well-being of humanity, such as climate change, pollution, and depletion of energy and resources. Computer methods make great contributions to sustainability science by applying the techniques from applied mathematics, computer science, information science, statistics, and operations research fields. The aim of this Special Issue is to bring together original research articles and review articles highlighting recent advances in mathematical models, numerical algorithms, statistical analysis, and data-driven techniques in sustainability science. In addition to engineering applications, we encourage submissions that investigate the computational social science for decision making concerning the management of resources, improvement of energy efficiency, maintenance of biological diversity, and other services in sustainability transition.









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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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