2016 ICCSE conference

Invited Session on Data-driven Solutions for Computational Sustainability

Computational sustainability , as a new interdisciplinary research field, aims to apply techniques from computer science, information science, operations research, applied mathematics, and statistics for balancing environmental, economic, and societal needs for sustainable development. Computational sustainability opens up fundamentally new intellectual territory with great potential to advance the state of the art of computer science and related disciplines and to provide unique societal benefits. In the era of big data, the explosion and profusion of available environmental data in a wide range of application domains rise up new challenges and opportunities in computational sustainability research.

The aim of this session is to provide a platform to share the current and new research topic on computational sustainability , present and discuss the new data-driven models and methods for computational sustainability and introduce new applications which will help solve some of the most challenging problems related to sustainability developing.

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