



Applications of Big Data in Global Environmental Predictions

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Predictions of the global environment are a significant topic of environmental sciences, which aims to improve our knowledge of adaptation strategies for the future environment as well as improving prediction skill and mitigation strategies of environmental problems such as climate change, air pollution, and ocean acidification. The applications of global environmental predictions have recently improved in connection with “big data” such as data science, machine learning, and numerical modeling. By considering these recent improvements, this Special Issue invites papers that use big data to solve the problems related to global environmental prediction. Studies from specific areas of environmental science and interdisciplinary studies, covering, e.g., atmospheric science, biology, chemistry, ecology, and oceanography, are highly welcome.

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Guest Editor

Keywords

- global environment
- big data
- data science
- machine-learning
- numerical modeling
- prediction skill
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Message from the Editor-in-Chief

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