



Satellite Monitoring of Water Quality and Water Environment

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Deadline for manuscript
submissions:

closed (30 June 2019)

Message from the Guest Editors

Variety of water bodies plays important roles in human societies. However, in recent decades, they have encountered intensive pollution problems, all over the world. For example, the water quality of inland waters is strongly influenced by land use/cover changes (LUCC) in their corresponding watersheds. Understanding the interactions between water quality and their watersheds is, therefore, crucial for sustainable management of water resources. Remote sensing is an important technique for monitoring water environments and watershed LUCC. This Special Issue, “Satellite Monitoring of Water Quality and Water Environment”, will call for papers that address the technical challenges for satellite monitoring of inland and coastal waters and demonstrate successful applications of remote sensing on the links between water quality/resource and watershed LUCC.

Keywords:

- water quality
- water environment
- watersheds
- land use/land cover
- remote sensing
- atmospheric correction
- algorithm development
- environmental monitoring
- machine learning
- Google Earth Engine





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Message from the Editor-in-Chief

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