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Application of Satellite Remote Sensing in Lakes Environment Monitoring

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Deadline for manuscript submissions:

closed (20 February 2024)

Message from the Guest Editors

Dear Colleagues,

Under global climate warming, the majority of the lakes show an increase in areas and volume because of the increased precipitation and glacier meltwater. Thus, it is important to monitor these high-elevation lakes by a combination of in situ measurements, satellite data and numerical simulations.

This Special Issue is dedicated to highlighting the new advancement for high-elevation lake monitoring research by all kinds of satellite data with visible, thermal and microwave bands. Potential topics include but are not limited to the following:

- Lake evaporation
- Lake ice sublimation
- Lake ice phenology
- Lake surface temperature
- Lake heat storage
- Lake turbidity and transparency
- Lake color
- Satellite data

For more details, please contact peter.wang@mdpi.com or click [Application of Satellite Remote Sensing in Lakes Environment Monitoring](#)



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Special Issue



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Message from the Editor-in-Chief

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