Special Issue

Observation of Lake–Air Interaction and Atmospheric Boundary Layer Process, Remote Sensing Inversion over the Pan-Third Pole

Message from the Guest Editors

The Pan-Third Pole is the most densely populated region in the world, and is also strongly affected by climate change. Atmospheric boundary layer physical processes are important ways to unravel the mechanisms of climate change. However, the complex topography and background environment of the Pan-Third Pole make it difficult to study atmospheric boundary layer processes. Data integration methods combining in situ observations and remote sensing inversions provide unique insights into the physical processes related to climate change. The spatial scale shift from in situ sites to larger regions facilitates the interpretation of spatially varying atmospheric boundary layer processes. The Special Issue is concerned with in situ observations and remote sensing inversion of atmospheric boundary layer physical processes, numerical simulation, machine learning of atmospheric boundary layer physical processes, lake–air interactions and carbon cycles in terrestrial ecosystems in Pan-Third Pole.

Guest Editors

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

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