



Climate Change Modeling: Balance of Energy and Mass for Inland Water Bodies

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Message from the Guest Editor

This Special Issue welcomes modeling work focusing on the balance of energy and mass for inland water bodies and the air–water interactions from the world around them.

Themes including (but not limited to) evaluations for statistical or physical-based mass and energy models; the prediction of future changes in water body mass and energy under different warming levels, as well as changes in the variability ranging from daily to decadal time scales; and extreme events (for example, heat waves and droughts) in water body mass and energy are highly encouraged. Comprehensive reviews about the latest developments in hydrological models and thermodynamic models for inland water bodies are also welcome.





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Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

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