



Hydrology and Climate-Change Impact Assessment and Adaptation

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

According to the IPCC 5th Assessment Report and other subsequent reports from the IPCC, it is unequivocal that the increasing emissions of greenhouse gases are leading to climate change. This is having a profound effect on water resources, which in turn are having a significant impact on socioeconomic and political scenarios. The changing climatic conditions are projected to cause an increased number of extreme weather events, such as cyclones, hurricanes, and typhoons, leading to floods on the one hand and extreme droughts on the other. These, in turn, impact ecosystems, water quality, agricultural productivity, and infrastructure service conditions.

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Dr. Tirupati Boliseti

Guest Editor

- climate-change impacts
- climate adaptation
- hydrological modeling
- bias correction
- uncertainty





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