



## Remote Sensing in Hydrology and Water Resources Management

Guest Editors:

**Prof. Dr. Weili Duan**

duanweili@ms.xjb.ac.cn

**Dr. Shreedhar Maskey**

s.maskey@un-ihe.org

**Dr. Pedro Luiz Borges Chaffe**

pedro.chaffe@ufsc.br

**Prof. Dr. Pingping Luo**

lpp@chd.edu.cn

**Dr. Bin He**

bhe@soil.gd.cn

**Dr. Yiping Wu**

yipingwu@xjtu.edu.cn

**Prof. Dr. Jingming Hou**

jingming.hou@xaut.edu.cn

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### Message from the Guest Editors

In the last few decades, remote sensing (RS) technology has developed rapidly, which provides a means of observing hydrological and hydraulic state variables including precipitation, temperature, soil moisture, water levels, evapotranspiration, flood extent, flow velocity, river discharge, and land water storage over regional/global areas. All these variables could be the input files for integrated hydrodynamics or hydrological or hydrometeorological models to simulate and assess water resources and water-related issues, contributing to fully understand global- and regional-scale hydrological processes under climate change and human activities. Improved understanding of changes in global to regional and basin scale hydrological system is imperative to manage water resources sustainably. The objective of this special issue is to present reviews and recent advances of general interest that make use of remote sensing techniques in hydrology and water resources management. Manuscripts on all aspects related with remote sensing in hydrology and water resources management are welcome.

