



Remote Sensing of Aquatic Ecosystem Health and Processes

Guest Editors:

Dr. Evangelos Spyrakos

evangelos.spyrakos@stir.ac.uk

Dr. Claudia Giardino

giardino.c@irea.cnr.it

Dr. Vittorio E. Brando

vittorio.brando@cnr.it

Dr. Shenglei Wang

wangsl@radi.ac.cn

Deadline for manuscript
submissions:

30 April 2021

Message from the Guest Editors

The world's aquatic ecosystems are vital components of the global biosphere, yet they are vulnerable to climate- and other human-induced change. They fulfil key functions in global biogeochemical cycles and are core to our water, food and energy security. There is an obvious need for appropriate monitoring and management methods to protect these systems from deterioration and ensure their provision of goods and services. The rapidly increasing rate of data collection from different remote sensing platforms and sensors suitable for observing aquatic systems has promoted Earth observation as a more widely recognised source of information on a number of indicators of ecosystems' condition at local and global scales. This Special Issue will focus on remote sensing advancements and applications for monitoring health, status and change as well as for studying ecosystem processes in aquatic systems such as rivers, lakes, transitional and coastal waters and open seas.

