Special Issue

Application of Remote Sensing Technologies in Agriculture and Water Management

Message from the Guest Editors

Remote sensing technologies provide an opportunity to vastly improve agriculture and water management, providing information on environmental variables such as rainfall, soil moisture, soil temperature, vegetation condition, crop yield and soil properties (chemical, physical, biological). This Special Issue is dedicated to the use of remote sensing technologies to improve agriculture productivity, including water utilisation, crop health and yield, fertiliser and pesticide application, and farm automation. This Special Issue aims to focus on the variety of proximal, airborne and satellite sensing technologies becoming available and their application, together with numerical prediction models, to provide fundamental advances across a broad range of applications in agriculture and water management.

- Remote sensing
- Proximal sensing
- GIS
- Agriculture
- Water management
- Soil moisture
- Crop health and yield
- UAV, airborne and satellite sensors
- Weather and climate prediction
- Flood, drought and frost prediction

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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