

Special Issue

Automation and Remote Control in Irrigation Systems

Message from the Guest Editors

Different applications of technologies related to automation and remote control (electronics, automation, sensors, robotics, etc.) have been increasing spectacularly in the last decade. In the current world scenario, the demand for natural resources for agricultural uses is increasing. The use of automation and remote control in water resources is aimed at ensuring the sustainability of a natural resource as valuable as water. Information and communication technologies (ICT) and related technologies are appropriate tools for this. All the productive sectors and, particularly, the agricultural sector face a productive transformation based on the use of these technologies. Specifically, the use of ICT and related technologies can be included in the global concept of precision agriculture. This Special Issue combines these previous concepts and proposes these three generic topics to develop:

- Software for water resource management in agriculture.
- New systems, sensors and equipment for water resource management in agriculture.
- Digital photography and computer vision for water resource management in agriculture.

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