Special Issue

Improving Functioning of Soil–Plant Systems Using the Application of Sustainable and Intelligent Methods—2nd Edition

Message from the Guest Editors

This Special Issue invites original research, technology reports, modeling approaches and methods, and reviews on sustainable management and intelligence in soil–plant systems. Topics of interest include (but are not limited to) the following:

- Sustainable management (e.g., optimized irrigation and fertilizer practices, cropping systems, and agronomic strategies) on the improvement of soil quality, plant growth, productivity, and tolerance to drought;
- Implications of intelligent methods (e.g., sensing techniques; multiple scales of phenotyping platforms) on soil and vegetation health monitoring;
- Interactions between agricultural water/fertilizer management and the environment;
- Interactions between soil and plants in contaminated soils;
- New biomaterials for improving water use efficiency in soil–plant systems;
- Applications of the unsaturated soil concept in sustainable agriculture;
- Development of IoT-based devices and APPs for smart agriculture.

Guest Editors

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