Special Issue

Alternative Cropping Systems for Climate Change

Message from the Guest Editor

Climate change and increased climate variability are significant contemporary issues. Designing alternative cropping systems that are stable and resilient to climate change is the one of the greatest challenges in agronomy. This Special Issue invites original research, reviews, and meta-analyses concerning:

- Alternative and sustainable cropping systems and their management;
- Efficient use of water and nutrients;
- Improvement of resource use efficiency;
- Reduced pesticide use toward a pesticide-free agriculture;
- Increase crop diversification in time and in space;
- Modeling of crops and cropping systems;
- Technology-based approaches for sustainable agriculture (precision agriculture, smart farming, digital farming etc.);
- Organic production systems;
- Alternative crop species to increase biodiversity, such as aromatic and medicinal plants, feed and forage crops, fiber crops, cash crops, crops for fuel production, etc.;
- Agrobiodiversity in cropping systems, such as intercropping, agroforestry, polyculture, etc.;
- Exploration of agronomic, social, political, and environmental aspects to manage sustainable cropping systems.

Guest Editor

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Deadline for manuscript submissions

closed (25 September 2022)

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Message from the Editor-in-Chief

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Editor-in-Chief

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