



Sustainable Water Resource Management and Agricultural Production under Ongoing Environmental Changes

Guest Editor:

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Deadline for manuscript
submissions:
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Message from the Guest Editor

As the world population keeps growing, food and freshwater demands are increasing, while agricultural land areas are becoming more limited, along with declining water resources, both in quality and quantity. In this context, it is critical to rethink the use of natural resources in a manner that minimizes environmental impacts while leveraging freshwater and food supplies. To achieve such a goal, strategies developed for water resource management and agricultural food production must take into consideration the ongoing environmental changes. Nonetheless, these changes are complex and need to be thoroughly understood to manage water resources and agricultural production in a sustainable manner. This Special Issue of Sustainability aims to capitalize on recent research advances and scientific knowledge aligning with the efficient use of water resources and agriculture sustainability. Submitted manuscripts may focus on one or more of the following research fields:

- Climate impact on agricultural production;
- Water resource management, including water quality/quantity modeling and remote sensing;
- Multiscale land-use–land-cover change studies.





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Message from the Editor-in-Chief

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