



## Precision Irrigation Strategies for Sustainable Water Budgeting

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### Message from the Guest Editors

Climate change is affecting agricultural production of countries responsible for producing food and fibre for the rest of the world. Incidents of droughts have been increasingly common in areas of rainfed agriculture. The irrigated agriculture is facing challenges in terms of having enough water in dams, canals, and thus in irrigation watercourses. Supplemental irrigation is now the need of the hour for sustainable agricultural production. Regardless of the nature of a region (rainfed versus irrigated), precision irrigation has shown promise in coping with the situation. Accurate water budgeting is needed to strategise sustainable agricultural production. Therefore, this journal aims at publishing the related research, modelling and/or review work.

- Estimation of fluctuations in groundwater levels;
- Factors affecting fluctuations in groundwater levels;
- Historical trends in precipitation;
- Future prediction of precipitation;
- Estimation of evapotranspiration or crop water requirements;
- Irrigation scheduling for horticultural, vegetable and grain crops;





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## Message from the Editor-in-Chief

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