Special Issue

Nutrient Cycle and Hydrological Process of Plant Ecosystems

Message from the Guest Editors

It is progressively recognizable that nutrient cycling must be at the fundamental of our efforts concerning the growing productivity in demand in various regions of the world. Changing climate worldwide is crucial in the hydrological process that enhances pressures on other resources, such as rapid agricultural development and changing consumption patterns, increased deforestation, and conversion of natural forests to managed plantations. Hydrological cycle includes several major components: Precipitation, Interception, Infiltration, Runoff, Evaporation, Transpiration. And Ground water. Deep digging to improve the hydrological cycle is obligatory to the struggle against water loss through changing climate and the pursuit of sustainable development through nutrient cycling. A significant improvement must be ensured to meet environmental needs and keep water-related risks for societies, economies, and ecosystems within reasonable bounds. These, in turn, impact ecosystems, water quality, agricultural productivity, and infrastructure service conditions. Crops grown in a sustainable environment are more resilient because they use nutrients more efficiently.

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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