



Nutrient Cycle and Hydrological Process of Plant Ecosystems

Guest Editors:

Prof. Dr. Xiaoyong Chen

College of Arts and Sciences,
Governors State University,
University Park, IL 690484, USA

Prof. Dr. Wende Yan

Life & Science Department,
Central South University of
Forestry and Technology,
Changsha 410004, China

Dr. Taimoor Hassan Farooq

Bangor College China, A Joint
Unit of Bangor University and
Central South University of
Forestry and Technology,
Changsha 410004, China

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Message from the Guest Editors

Dear Colleagues,

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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Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science,
University of Manitoba, Winnipeg,
MB R3T 2N2, Canada

Message from the Editor-in-Chief

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Plants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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