



## Soil Nutrient Dynamics and Plant Response

Guest Editors:

**Dr. Elias Afif Khouri**

Department of Organisms and  
Systems Biology, University of  
Oviedo, 33003 Oviedo, Spain

**Prof. Jose Alberto Oliveira**

**Prendes**

Organisms and Systems Biology,  
University of Oviedo, 33003  
Oviedo, Spain

**Dr. Pedro Álvarez-Álvarez**

Department of Organisms and  
Systems Biology, Polytechnic  
School of Mieres, University of  
Oviedo, E-33600 Mieres, Asturias,  
Spain

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### Message from the Guest Editors

The dynamics of macro and micro metal elements in the soil determines the efficiency of plant nutrient use, its productivity and its response to environmental changes to a great extent. Anthropogenic additions increase the availability of some chemical elements in industrialized areas altering the nutrient balance in the soil. Under natural conditions, other factors such as climate (especially temperature, precipitation and potential evapotranspiration) and water availability in the soil or atmospheric concentration of carbon dioxide limit plant production and reduce the importance of nutrients as limiting factors. For example, it is known that an increase in atmospheric carbon dioxide causes an increase in forest biomass in forests established on rich soils, but not in those found on poor soils.

We invite authors to present current research on how the nutrient cycle is affected by the interaction of global change and human activities. We also welcome presentations of studies related to the interaction between organic matter and soil minerals, the effect of soil contamination and degradation on its fertility and plant adaptations to increase efficiency in nutrient use.





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### **Prof. Dr. Sergio Ulgiati**

1. Department of Science and  
Technology, Parthenope  
University of Naples, Centro  
Direzionale, Isola C4, 80143  
Napoli, Italy  
2. State Key Joint Laboratory of  
Environment Simulation and  
Pollution Control, School of  
Environment, Beijing Normal  
University, No. 19 Xijiekouwai  
Street, Beijing 100875, China

## Message from the Editor-in-Chief

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*Environments* Editorial Office  
MDPI, St. Alban-Anlage 66  
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