

## Special Issue

# Toward a "Green Revolution" for Crop Breeding

### Message from the Guest Editors

The "green revolution" is generally referred to as a breakthrough in the international agricultural movement. Because of this movement, agriculture has met the food needs of most of the world's population even as the population increased dramatically during the past decades. But there has been a price to pay, and it includes among others, contamination of groundwaters, release of greenhouse gases, loss of crop genetic diversity and eutrophication of rivers and lakes. It is yet to be discovered whether high-intensity agriculture can be sustained, because of the loss of soil fertility, the erosion of soil, the increased incidence of crop diseases, and the high energy and chemical inputs associated with it (Tilman, 1998). Therefore, to develop new Green Revolution, sustainable crops with high yield and low nitrogen demands has become a new challenge for crop breeders. Possible topics include (but are not limited to):

Breeding and sustainable agriculture  
Low-intensity agriculture  
Participatory breeding  
Organic breeding

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### Guest Editors

Dr. Eleni Tani

Laboratory of Plant Breeding and Biometry, Department of Crop Science, Agricultural University of Athens, Iera Odos 75, 11855 Athens, Greece

Dr. Eleni Abraham

School of Agriculture, Forestry and Natural Environment, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece

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### Deadline for manuscript submissions

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## Agronomy

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agronomy@mdpi.com](mailto:agronomy@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,  
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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