

Special Issue

Intensive Crop Production: Synergic Mitigation of Pollutants and Carbon Emission

Message from the Guest Editors

[*] Background and history of this topic: The high-quality development of modern agriculture is the cornerstone China's food security and the primary task of national economic development. Low-carbon green intensive production is a prominent feature of modern agriculture. In the context of the national dual-carbon strategy and global climate change, how to efficiently use agricultural resources and achieve synergy in pollutants and carbon reduction is a major challenge. [*] Aim and scope of the Special Issue: It is essential to explore the pathway for achieving intensive agricultural production, as well as boosting productivity, reducing nutrient and GHG losses, improving biodiversity and soil health, controlling agricultural pollution. [*] Cutting-edge research: Modern agronomy, meteorology, climate change, molecular biology, environmental science. [*] What kind of papers we are soliciting: This Special Issue welcomes theoretical discussions, innovative methods, applied case studies, review articles, and policy papers that connect carbon neutrality and agricultural management or pollution control.

Guest Editors

Prof. Dr. Xiaobo Qin

Institute of Environment and Sustainable Development in Agriculture,
Chinese Academy of Agricultural Sciences, Beijing 100081, China

Prof. Dr. Sheng Zhou

Shanghai Academy of Agricultural Sciences, Shanghai, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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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