

Special Issue

Net-Zero Emissions for Sustainable Food Production and Land Management

Message from the Guest Editors

Nowadays, more and more industries and companies are pledging to become carbon neutral, net-zero or even carbon negative to combat global climate changes. Net-zero emissions balance the total amount of greenhouse gases (GHGs) released and the amount removed from the atmosphere, and serve as the core of carbon neutrality. How is it possible to achieve net-zero emissions for sustainable food production or land management while ensuring our food security and humanity's welfare? Future sustainable agriculture should explore systems with low net GHG emissions and GHG intensities at high crop productivity and low environmental damage costs. Research and reviews on greenhouse gas emissions and mitigations, life cycle assessments and net ecosystem economic benefits are invited for submission to this Special Issue in order to foster a better understanding of this issue among scientists and policy makers.

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Deadline for manuscript submissions

30 June 2025



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.2



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