

# Special Issue

## Innovations in Agri-Food Plants

### Message from the Guest Editor

This Special Issue aims to collect papers concerning the application of innovative systems, including reviews, to improve the knowledge in the machine and plant field, mainly with the aim of showing the changes in agri-food machinery and plants in the transition towards eco-sustainable technologies and 4.0 and 5.0 technologies, also with a view to a circular economy. Keywords

- unit operations in agri-food industries
- emerging food processing technologies
- innovative plants
- FEA (finite elements analysis)
- industry 4.0
- industry 5.0
- sustainability
- by-products recovery
- circular economy
- energy saving
- IoT systems
- non-destructive analyses
- remote sensing
- measurement and control in food processing

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### Guest Editor

Dr. Roberto Romaniello

Department of Agriculture, Food, Natural Resource and Engineering,  
University of Foggia, 71122 Foggia, Italy

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### Deadline for manuscript submissions

closed (20 September 2024)



## Applied Sciences

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Impact Factor 2.5  
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*Applied Sciences*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[applsoci@mdpi.com](mailto:applsoci@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

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