

Special Issue

Data Science to Support Agricultural Diversification

Message from the Guest Editors

Modelling routines are shaping a new discipline in agricultural sciences. Data science techniques, such as data and knowledge mining, databasing, modelling and simulations, are now being adapted to construct large datasets that can help with the development of locally relevant insights. In this Special Issue, we aim to collate research on using all aspects of data science that are relevant to the development of datasets, databases, crop simulation models and algorithms that can further enable decision making for growers and other stakeholders that are interested in the science of agricultural diversification. We particularly welcome efforts that are aimed at advancing the following aspects that are not well developed in relation to

- Dataset development, data and knowledge acquisition techniques, database development and open data initiative
- New models and algorithms that take advantage of big data and machine learning for the benefit of agriculture
- Cases studies that utilise old datasets and models in a new way to further strengthen their impacts.

Guest Editors

Dr. Ebrahim Jahanshiri

Crops For the Future (CFF) UK CIC, National Institute of Agricultural Botany (NIAB), 93 Lawrence Weaver Road, Cambridge CB3 0LG, UK

Prof. Dr. Sayed Azam-Ali

Crops For the Future (CFF) UK CIC, National Institute of Agricultural Botany (NIAB), 93 Lawrence Weaver Road, Cambridge CB3 0LG, UK

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Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriculture@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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