

Special Issue

Application of Artificial Neural Network and Sensing in Advanced Agriculture

Message from the Guest Editors

Over the last few years, there has been a strong development of new technologies applied to the monitoring and control of different agricultural and livestock processes. This new growth has contributed to a significant increase in productivity, improvement in quality and animal welfare, as well as a reduction in environmental impact. In the coming years, due to the high growth expectations of smart farming, there will be an increase in sensors that offer real-time information and advanced data processing in different digital environments. The use of different artificial intelligence techniques in these advanced data processing activities is currently a reality. The Special Edition of this publication is directed at these new sensing and processing data techniques for new agricultural production models, based on the use of sensors, information and communication technologies, and artificial neural networks, which will help to ensure a sustainable agriculture and that there is enough food to feed an increasing population.

Guest Editors

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

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