Special Issue Reprint

Sensors and Robotics for Digital Agriculture

www.mdpi.com/books/reprint/7904

Edited by
Dionysis Bochtis
Aristotelis C. Tagarakis

This reprint provides insight into the recent advances in systems and processes in the field of sensors and robotics and their applicability in agricultural environments within the concept of digitizing agriculture with the aim of maximizing the efficiency and sustainability of crop and livestock production. Special focus is given to the areas of artificial intelligence and machine learning for the development of applications and tools to support farmers and farm managers in making timely and informed decisions for both crop and livestock management. Unmanned aerial and ground systems are gaining popularity. In this reprint, emphasis is given to the application of autonomous systems and robotics in agriculture for the automated performance of different tasks such as field scouting, soil sampling and analysis, and crop harvesting, among others. The interaction between machines and humans in agricultural environments is also discussed.

MDPI

Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/7904

MDPI\Books

Publishing Open Access Books & Series

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.

Open Access
Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.

Author Focus
Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.

High Quality & Rapid Publication
MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.

High Visibility
Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).

Print on Demand and Multiple Formats
MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.

Learn more ▶ mdpi.com/books