



Image Analysis Techniques in Agriculture

Guest Editors:

Prof. Dr. Maciej Zaborowicz
Department of Biosystems
Engineering, Poznań University of
Life Sciences, Poznan, Poland

Dr. Dawid Wojcieszak
Department of Biosystems
Engineering, Faculty of
Environmental Engineering and
Mechanical Engineering, Poznan
University of Life Sciences,
Poznan, Poland

Deadline for manuscript
submissions:
closed (30 November 2021)

Message from the Guest Editors

Dear Colleagues,

In modern agriculture, the main emphasis is placed on the development of precise tools supporting all activities related to food production. Increasing attention is now being paid not only to the quantity but also, and above all, to the quality of agricultural products, as well as to waste and its characteristics. Computer image analysis, which in many respects supports precision farming, is becoming a widely used tool. It should be mentioned that the quality of individual products, such as cereals, vegetables, and fruits, should be assessed, but it is also possible to assess the condition of a field and plantation. These tools have an advisory function and in many cases are able to prevent losses to the agricultural producer. The 21st century is a century of information, including information encoded in graphic form, most often in the form of a digital image. Appropriate acquisition of material, and then determination of characteristics and production of methods that will directly or indirectly support the agricultural production, e.g., in the aspect of plant protection, etc. belongs among the broad interests of modern Agriculture 4.0.





an Open Access Journal by MDPI

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

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, RePEc, and other databases.

Journal Rank: JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)

Contact Us

Agriculture Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agriculture
agriculture@mdpi.com
X@AgricultureMdpi