

Special Issue

Advances in Integrated Pest Management and Plant Growth Support

Message from the Guest Editors

In this Special Issue, we would like to offer articles on phosphite-containing preparations as immunity triggers and biostimulants that facilitate the regeneration of plants after unfavourable stress factors such as frost, drought, and damage caused by the improper application of plant protection products and regeneration after the harmful effects of diseases and pests. Some topics of interest include soil conditioners using waste materials such as phosphogypsum as a source of phosphorus and sulfur; as well as silicon-based formulations to improve the water balance of plants, which is particularly important during periods of drought. We are also interested in receiving studies on the in vitro evaluation of the antioxidant effect of flavonoids isolated from plants and produced as aqueous methanol extracts, such as coumatacillin, penduletin or jeceidin. In this Special Issue, we invite the research community in the field to contribute original scientific articles. Comprehensive review articles will also be accepted. We are looking forward to your contributions!

Guest Editors

Prof. Dr. Tomasz Oszako

Prof. Dr. Wojciech Pusz

Dr. Piotr Borowik

Deadline for manuscript submissions

closed (31 March 2024)



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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.

Editor-in-Chief

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