

## Special Issue

# Novel Studies in High-performance and Smart Plant Protection Products Application—3rd Edition

### Message from the Guest Editor

Over the last 70 years, plant protection products (PPPs) have been widespread used, for example, manual and high-efficiency sprayers. Since the beginning of this decade, agricultural unmanned aerial spraying systems (UASSs) for plant protection, with high flexibility and mobility, as well as low acquisition and maintenance costs, have rapidly been gaining traction as a new means of PPP application. In addition, both aerial and ground plant protection machines are used for unmanned, precise, and high-performance standardisation and informationisation. More and more frontier technologies, such as multispectral/hyperspectral imaging technology, AI, deep learning, IoT, etc., have been proposed and applied, with fewer PPPs being lost in the environment. More research is needed for these new technologies to be fully incorporated to minimise agrochemical use and improve the timing of applications. In this Special Issue, we aim to focus on any novel studies pertaining to high-performance, smart PPP utilisation, including theory, algorithms, models, simulations, systems, equipment, technologies, and evaluation methods. Both research and review articles are welcome.

### Guest Editor

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### Deadline for manuscript submissions

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