Special Issue

Rice Protection: New Advances and Milestones

Message from the Guest Editors

Rice, a staple food for over half of the global population, has historically faced threats from pests, diseases, and climatic challenges that jeopardize yield and quality. Efforts to protect rice crops date back centuries, relying on traditional practices, pest-resistant varieties, and chemical controls. However, the need for sustainable solutions has grown with the intensification of agriculture and the increasing impacts of climate change. In recent decades, advances in biotechnology, precision agriculture, and integrated pest management have revolutionized rice protection, enabling more effective and eco-friendly approaches. This Special Issue seeks to capture the most recent and impactful advancements in rice protection. Our goal is to provide a platform for cutting-edge research that addresses critical challenges in rice cultivation, offering insights into both technological innovation and sustainable practices.

- Genetic Engineering for Resistance
- Biological Pest and Disease Control
- Climate-Resilient Rice Varieties
- Smart Agriculture Technologies
- Integrated Pest Management (IPM)

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Message from the Editor-in-Chief

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