Special Issue

Ecological Mechanism and Control Technology of Rice Pests

Message from the Guest Editors

Rice pests, such as insect pests, pathogens, and weeds, can reduce the quality and yield of rice, and also threaten ecological safety and biological safety. Climate, rice varieties, cropping systems, and the misusage of pesticides greatly impact the outbreaks of rice pests. Therefore, studies on the ecological mechanism and control technology of rice pests are of great importance. In recent years, new techniques and methods have been widely used to investigate the various mechanisms in the outbreaks of rice pests. The integrated application of various management methods, including chemical, physical, agricultural, and biological control, as well as resistant rice variety utilization, has improved the control of rice pests. Understanding the ecological mechanism of rice pests also acts as the basis for better control. This Special Issue will focus on the ecological mechanism of rice pests, as well as the new technology used to control rice pests, such as new insecticides, biological control, and the cultivation of resistant rice varieties. We welcome the submission of original research and review articles.

Guest Editors

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