

Special Issue

Biology, Ecology and Management of Invasive Alien Plants

Message from the Guest Editors

Invasive alien plants are considered to be one of the major drivers of biodiversity loss, thereby altering ecosystem services and socioeconomic conditions through different mechanisms. Many studies have explored the physiological, ecological and molecular mechanisms that lead to the invasion successes of alien plants, with distribution trends of various invasive plants under different scenarios including global climate changes, the resistance of native plant communities to plant invasions, the ecological and economic influences of alien plant invasions, management strategies against invasive plants for different habitats, and the utilization of invasive plants. Unfortunately, the expansion of invasive alien plants remains a severe issue all over the world. Highly effective management strategies including ecological, biological, chemical and agricultural control methods against principal and serious invasive plants are still inadequate. This Special Issue is designed to highlight the recent research progress on the biology, ecology and management of invasive alien plants. Scientists are invited to submit their original research and review articles to this Special Issue.

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A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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