

## Special Issue

# Invasive Alien Plant Species: Encroachment Mechanisms, Impact on Soils, Environment and Ecosystem Services

### Message from the Guest Editor

Biological invasions constitute important problems of human-induced alterations on a global scale. Invaders can reduce biological diversity and promote extinctions, act as a vector of diseases and generate economic losses. Crucial ecosystem processes and properties, such as primary productivity, organic matter decomposition, hydrology, geomorphology, element cycling and natural disturbance regimes, may be affected by biological invasions. The invasion rate of exotic species is expected to increase in coming decades, mainly due to the expansion of global trade, agriculture and other human activities. The most invasive species are associated with anthropogenically disturbed ecosystems, which have been estimated to constitute ca. 23% of the global ice-free land area. However, some alien species invade natural habitats and alter ecosystem structure and functions as they differ from non-invasive plant species in traits related to physiology, leaf-area allocation, shoot allocation, growth rate, size and overall fitness. More details at: [https://www.mdpi.com/journal/diversity/special\\_issues/Invasive\\_Alien\\_Plant](https://www.mdpi.com/journal/diversity/special_issues/Invasive_Alien_Plant)

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### Deadline for manuscript submissions

closed (15 December 2022)



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### Message from the Editor-in-Chief

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We invite papers and reviews on multidisciplinary topics of diversity that bridge organismic diversity (systematics, biodiversity, phylogeny, population genetics, and evolution) and molecular diversity (phytochemistry and biophysics).

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