Special Issue

Interaction between Invasive and Native Plants

Message from the Guest Editors

Biological invasion by exotic plant species is considered to be one of the most important threats to native biodiversity. Invasive plants can impact recipient native communities directly through competition for resources and indirectly through allelopathy, apparent competition. and shared mutualists. However, much remains unexplored with respect to how invasions by exotic plants may interact with other components of global environmental change. A growing number of studies indicate that some populations of native plant species can evolve adaptation to strong competition from invasive plants and persist to co-occur with invaders. However, we still lack a predictive understanding of under what environmental conditions native plants can evolve adaptation to invasive plants. This Special Issue will contain selected papers that report on the mechanisms that underly interactions between invasive plants and native plants under various biotic and abiotic conditions, and the ecosystem-level consequences of the interactions. We welcome any conceptual or empirical work that focuses on any taxa at any spatial scale.

Dr. Ayub M.O. Oduor

Guest Editors

Prof. Dr. Junmin Li

Zhejiang Provincial Key Laboratory of Plant Evolutionary Ecology and Conservation, Taizhou University, Taizhou 318000, China

Dr. Ayub Oduor

- 1. Zhejiang Provincial Key Laboratory of Plant Evolutionary Ecology and Conservation, Taizhou University, Taizhou 318000, China
- 2. Department of Applied Biology, Technical University of Kenya, Nairobi P.O. Box 52428-00200, Kenya

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Life
Editorial Office
MDPI, Grosspeteranlage 9
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona Institute of Science and Technology, 08028 Barcelona, Spain

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