

Special Issue

Plant Reproductive Ecology and Population Structure

Message from the Guest Editors

While studies in plant reproductive ecology provide important baseline information for ecological theory, they also contribute to our understanding of rare species and threatened habitats, often providing much needed data for species recovery actions. Modern methods in field studies, genetics, and computational approaches provide new opportunities to explore plant reproductive ecology and population structure, and with this Special Issue, we seek to generate novel insights into what allows some plant species to persist and others to fail in the context of changing environments. We will consider papers that examine the mechanisms of plant population persistence and the ecological and evolutionary implications associated with these mechanisms. Topics to be considered will include adaptation and the importance of sexual reproduction, ramet and genet longevity, clonal growth, seed and bud dormancy, spatial genetic structure of populations, life-history constraints to recruitment, and the role of mutualisms. Of particular interest are studies that integrate multiple approaches (experiments, modeling, long-term demographic surveys, genetic analysis, etc.).

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2021)



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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

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