

Plant Conservation

Sergei Volis' new book is a valuable contribution, especially in light of the extensive and growing threats to plant diversity worldwide.

Robert H. Robichaux
University of Arizona, USA

Sergei Volis brings together in one big important book the entire global knowledge base for plant conservation through ecological restoration. This book is a must for anyone with an interest in plant conservation in any part of the world.

David A. Burney
Makauwahi Cave Reserve, Hawaii

Sergei Volis recognizes that a completely new approach is needed for plant conservation, and this important new publication provides an enormous service to the field of biodiversity conservation.

Donald Falk
University of Arizona, USA

The rate of species and natural habitat loss across our planet is steadily accelerating. This book argues that existing practices of plant conservation are inadequate and firmly supports the placement of ecological restoration at the cornerstone of biodiversity conservation. The author unifies different aspects of conservation into one coherent concept, including natural area protection, *ex situ* conservation, and *in situ* interventions, through either population management or ecological restoration. Assisted colonization, experimentation, and utilization of threatened plant species are raised as crucial elements in restoration, with partly novel ecosystems being among its major target areas. Covering a wide spectrum of plant conservation examples, and offering practical methodologies alongside the theoretical context, this is a vital resource for students, research scientists, and practitioners in conservation biology and restoration ecology.

SERGEI VOLIS is Professor of Biology at Kunming Institute of Botany, China. He has authored many publications investigating genetic and demographic population processes, plant adaptations to local environments, initial stages of speciation, and species phylogeography. His major research interest is plant conservation in its theoretical and applied aspects, an interest which goes back to his years of studying ecology in Simpheropol State University in the former Soviet Union and his PhD project in Ben-Gurion University of the Negev, Israel.

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