



plants



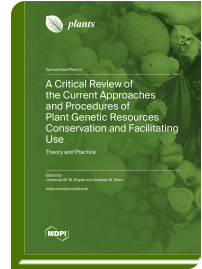
Special Issue Reprint

A Critical Review of the Current Approaches and Procedures of Plant Genetic Resources Conservation and Facilitating Use: Theory and Practice

www.mdpi.com/books/reprint/9007

Edited by
Johannes M. M. Engels
Andreas W. Ebert

ISBN 978-3-7258-0589-1 (Hardback)
ISBN 978-3-7258-0590-7 (PDF)



This Special Issue critically reviews the history of global conservation and use efforts that have been undertaken over the past 70 years to curb genetic erosion of our crop plant gene pools for the benefit of humankind. With the worldwide establishment of genebanks to conserve the threatened genetic resources for the long term, the establishment of a legal framework since the early 1990s, and the increasing reluctance of individual countries to readily share genetic resources, the need for global coordination, standard-setting, and sharing of responsibilities became obvious. As a result, the Food and Agricultural Organization of the United Nations (FAO) evolved, coordinated, and facilitated a somewhat spontaneous development of a global conservation and use system. The present system has its strengths but also its significant shortcomings and problems. Against this backdrop, the Guest Editors conceived this SI and invited well-known conservation and use arena stakeholders to contribute. As a result, a very interesting and relevant assemblage of views, opinions, experiences, conclusions, and recommendations concerning the global conservation and use system is presented in this reprint of the individual contributions to the SI. The Guest Editors are convinced that these results provide essential elements for consideration in the ongoing discussions regarding revising the current global system. The revisions concern the Convention for Biological Diversity, including its Nagoya Protocol and the International Treaty for Plant Genetic Resources.



Order Your Print Copy

You can order print copies at

www.mdpi.com/books/reprint/9007

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.