



The Impact of Vavilov’s Concept of the Centres of Crop Origin and Diversity on Research, Conservation, and Utilization of Plant Genetic Resources Today—A Review on the Occasion of Vavilov’s 135th Anniversary

Guest Editors:

Prof. Dr. Igor G. Loskutov

Department of Genetic Resources of Oat, Barley, Rye, N. I. Vavilov Institute of Plant Genetic Resources (VIR), 190000 St. Petersburg, Russia

Dr. Axel Diederichsen

Plant Gene Resources of Canada (PGRC), Saskatoon Research and Development Centre, Agriculture and Agri-Food Canada (AAFC), Saskatoon, SK S7N 0X2, Canada

Dr. Andreas W. Ebert

World Vegetable Center, D-73529 Schwaebisch Gmuend, BW, Germany

Deadline for manuscript submissions:

closed (25 November 2022)

Message from the Guest Editors

We invite the submission of papers reflecting on the relevance of the concepts of N.I. Vavilov with an emphasis on the impact on research, conservation, and utilization of plant genetic resources for food and agriculture. We aim to collect many perspectives, including historical and contemporary and visionary approaches that relate to the subject Vavilov had dedicated his life to. Views on past, present, and future applications of the concepts proposed by Vavilov are invited as well as revisions and additions to these concepts and reviews of germplasm holdings in modern genebanks that trace back to the collections made by Vavilov.

Submissions will be peer-reviewed according to the standard procedures for all papers submitted to *Plants*. In addition, submissions must indicate that they are intended for inclusion in the “Vavilov Special Issue”. Contributions can be made in the form of a review, research paper, short communication, or opinion paper.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science,
University of Manitoba, Winnipeg,
MB R3T 2N2, Canada

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

Contact Us

Plants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/plants
plants@mdpi.com
[X@Plants_MDPI](https://twitter.com/Plants_MDPI)