

Building a Plant Diversity Information Infrastructure for Azerbaijan

Initiative: Zwischen Europa und Orient - Mittelasien/Kaukasus im Fokus der Wissenschaft

Ausschreibung: Ausschreibung: Strukturell orientierte Maßnahmen

Bewilligung: 06.12.2022

Laufzeit: 2 Jahre

The project will build upon the existing tools and institutions to implement a botanical information infrastructure that will be maintained sustainably and bridge to future developments in the fields of botany and biodiversity in Azerbaijan. Own research has provided substantial new insights on the evolution of plant diversity in the Caucasus and in Azerbaijan and underscored the need to make new knowledge on plant diversity available in a structured way. At the same time, the availability of biodiversity data and information architectures has progressed enormously at international level. The World Flora Online (WFO) manages a global taxonomic backbone of land plants and the Euro+Med PlantBase including the Caucasus works at a continental level to integrate data on the taxonomy, occurrence and status of plants, based on the relevant taxonomic and floristic literature. The envisaged project aims at synthesizing the taxonomic and floristic knowledge from Azerbaijan in a freely accessible, dynamic database infrastructure which is linked to international biodiversity information systems. In this way, the project will lead to the publication of a modern checklist for Azerbaijan, online and potentially also in print, support Azerbaijan's contribution to the World Flora Online and improve its representation in the Euro+Med Plant Base which includes the whole Caucasus. Most of the work shall be implemented in the Herbarium Fund of the Institute of Botany, the Ministry of Science and Education, and the Department of Chemistry and Biology of Baku Engineering University.

Projektbeteiligte

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