

## An Information System for Mexican Agrobiodiversity

Open data and tools to support agrobiodiversity conservation

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### Overview

The National Commission for the Knowledge and Use of Biodiversity ([CONABIO](#)) is developing an Agrobiodiversity Information System as part of a GEF project with FAO as the implementing agency. We aim to generate knowledge that enables the conservation of traditional agriculture and native crops of global importance. [Learn more about the project.](#)

# 12

native crops  
in traditional  
agriculture

### Open Data

-  Biological
-  Geographic
-  Agronomic
-  Cultural
-  Social

## Agrobiodiversity Information System (SIAgroBD)



### Data

- Native crops & wild relatives
- Participatory assessments
- Regional food baskets for healthy eating
- Nutrition



### Tools

- Digital field data collection
- Zendo software to connect diverse databases
- Visualizations
- [Learn more about our tools](#)



### Collaboration

- Data standards
- Partner institutions
- Workshops & capacity building
- [Learn more about SIAgroBD](#)

## Recognize, value and conserve agrobiodiversity

The need for recognizing and conserving the diversity of native crops and traditional agricultural practices drives the design and development of SIAgroBD. Based on CONABIO's previous work, like the [Global Native Maize Project](#), we implement a workflow for **Open and FAIR** (Findable, Accessible, Interoperable, Reusable) data that aims to inform **food security and conservation** policies. In contrast with the current trends in big data for agriculture, which focus on conventional breeding and production, SIAgroBD recognizes the **ecological, human and cultural dimensions of agroecosystems**. Our information system is intended for a wide audience, from academic researchers to policymakers and the general public.