

https://openbiomaps.org

OpenBioMaps is an initiative aimed at supporting biodiversity conservation. It is a platform that has been created to assist in the observation, documentation, and preservation of biodiversity.

It makes data easily manageable and shareable, facilitating information exchange and collaboration among conservation professionals and researchers. This, in turn, can lead to improved outcomes in conservation efforts and research projects, and facilitate evidence-based decision-making in biodiversity conservation.

It offers open-source tools to meet individual needs in a flexible and cost-effective manner. Additionally, it integrates and connects standard services to provide comprehensive support for users throughout their daily work, starting from field data collection to organizing, sharing, and processing data.

A platform based on individually maintained servers, which can be fully customised due to its modular design. It is capable of scaling from serving a few users to the development of largescale systems, providing flexibility in accommodating various demands.

Main Features

- Database-based projects tailored to individual needs
- Easy data import from various formats (e.g., xls, csv, gpx, shp)
 - Repeatable and referencable queries
 - Support for persistent identifiers (DataCite, DOI)
 - Data export in various formats (e.g., gpx, csv)
- Establishment of data relationships, such as permanent connections between institutions
 - Access to data from remote databases or desktop applications (e.g., FDW, QGIS)
 - Support for data analysis tools (R, Mark)
- Detailed access control and permissions management
 Background processes
- Integration with external services (e.g., GBIF, iNaturalist, Lidar, orthophoto, and satellite data)
- OpenBioMaps system operation and data hosting services
 Community support















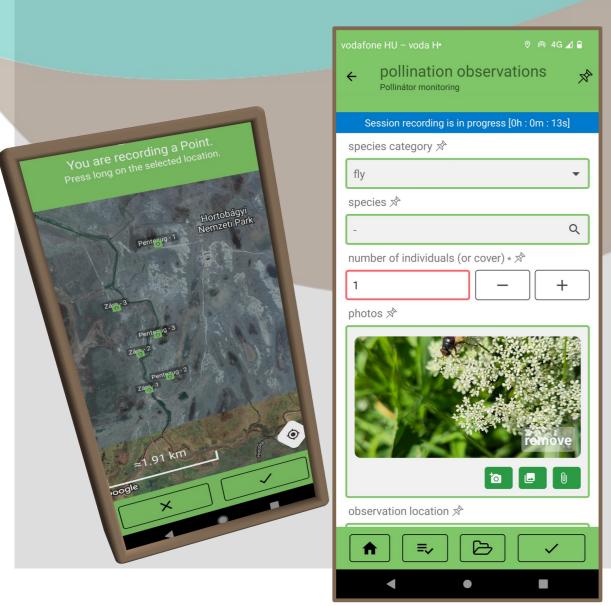


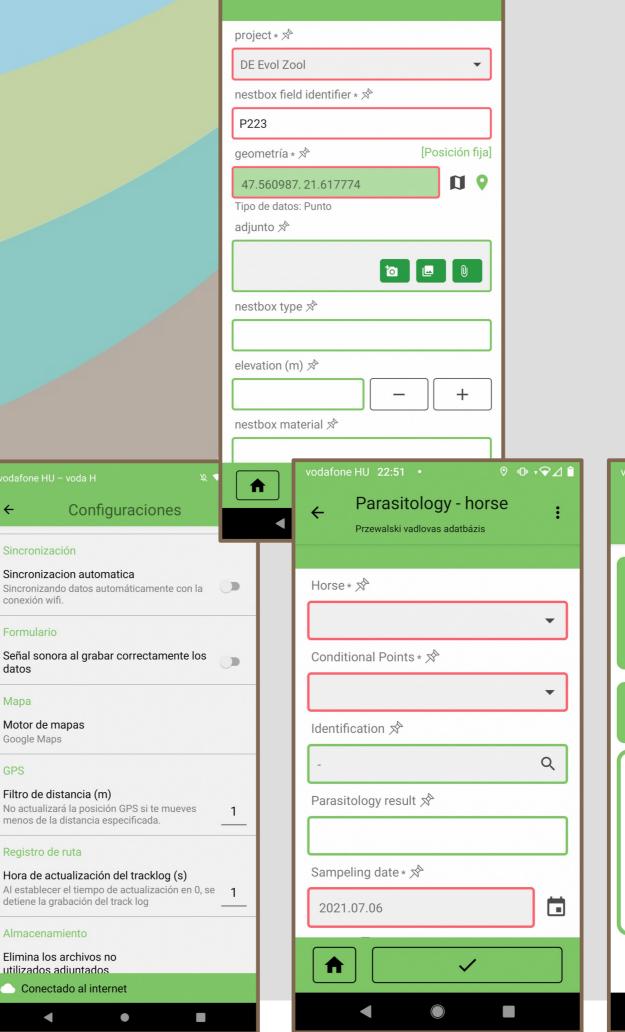




Mobile app

- Custom forms
- Tracklogs
- Photos
- Offline use
- Language settings





Sincronización

Motor de mapas

Registro de ruta

Almacenamiento

Elimina los archivos no utilizados adiuntados Conectado al internet

Filtro de distancia (m)

menos de la distancia especificada.

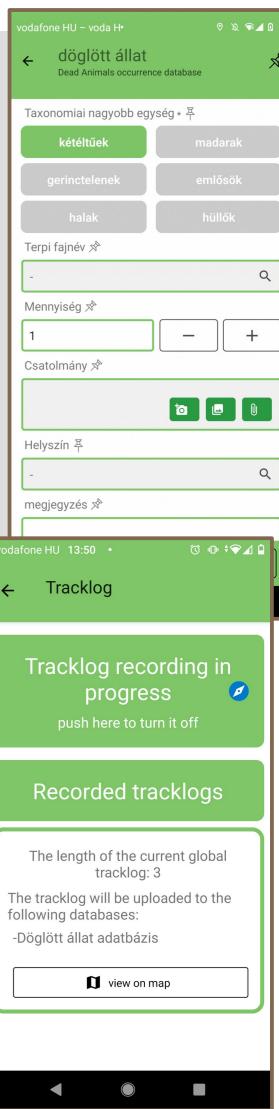
detiene la grabación del track log

Google Maps

Sincronizacion automatica

nest box

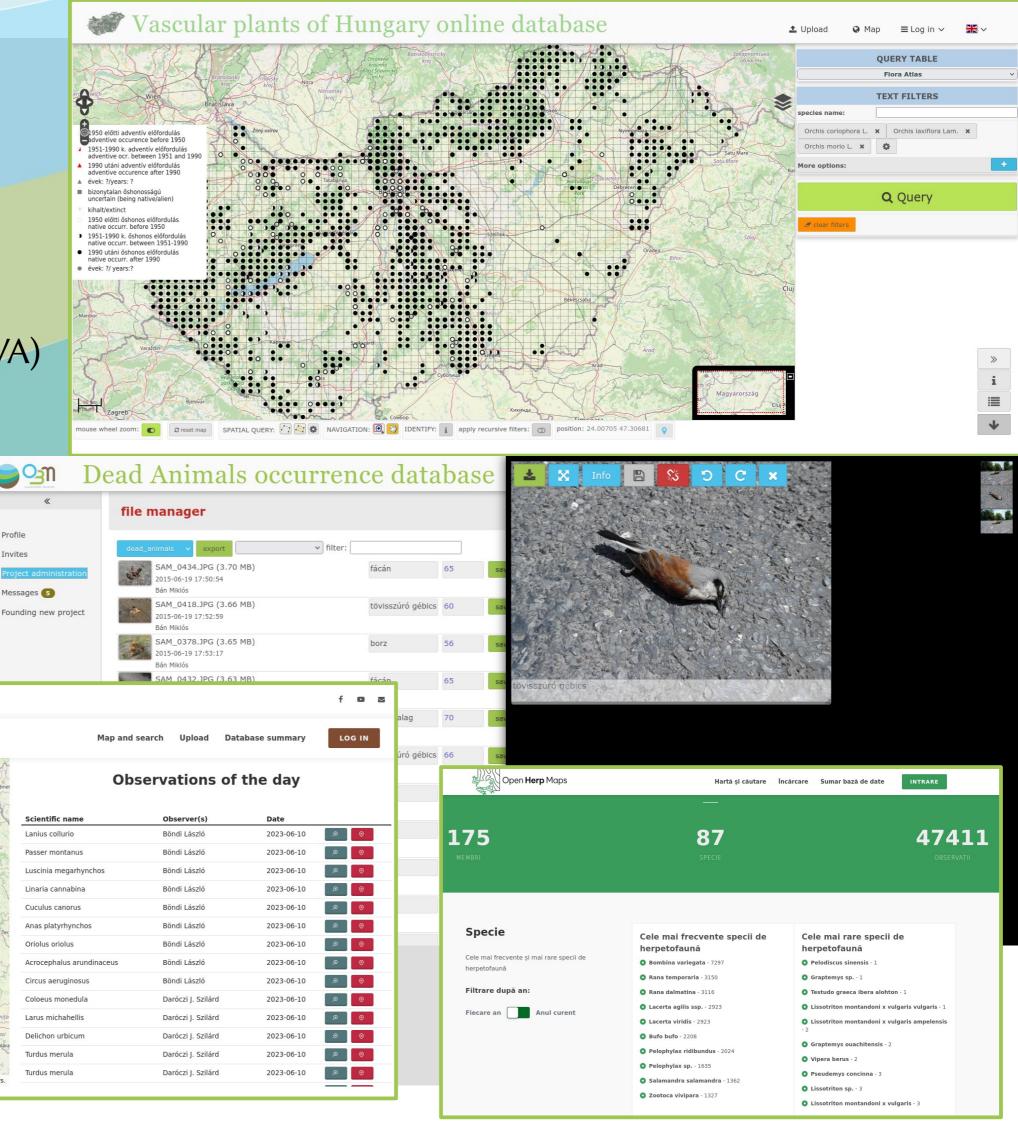
Public Nestbox Breeding Data

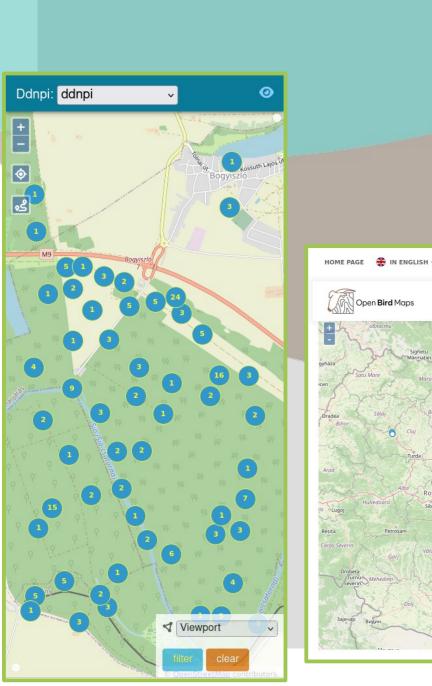


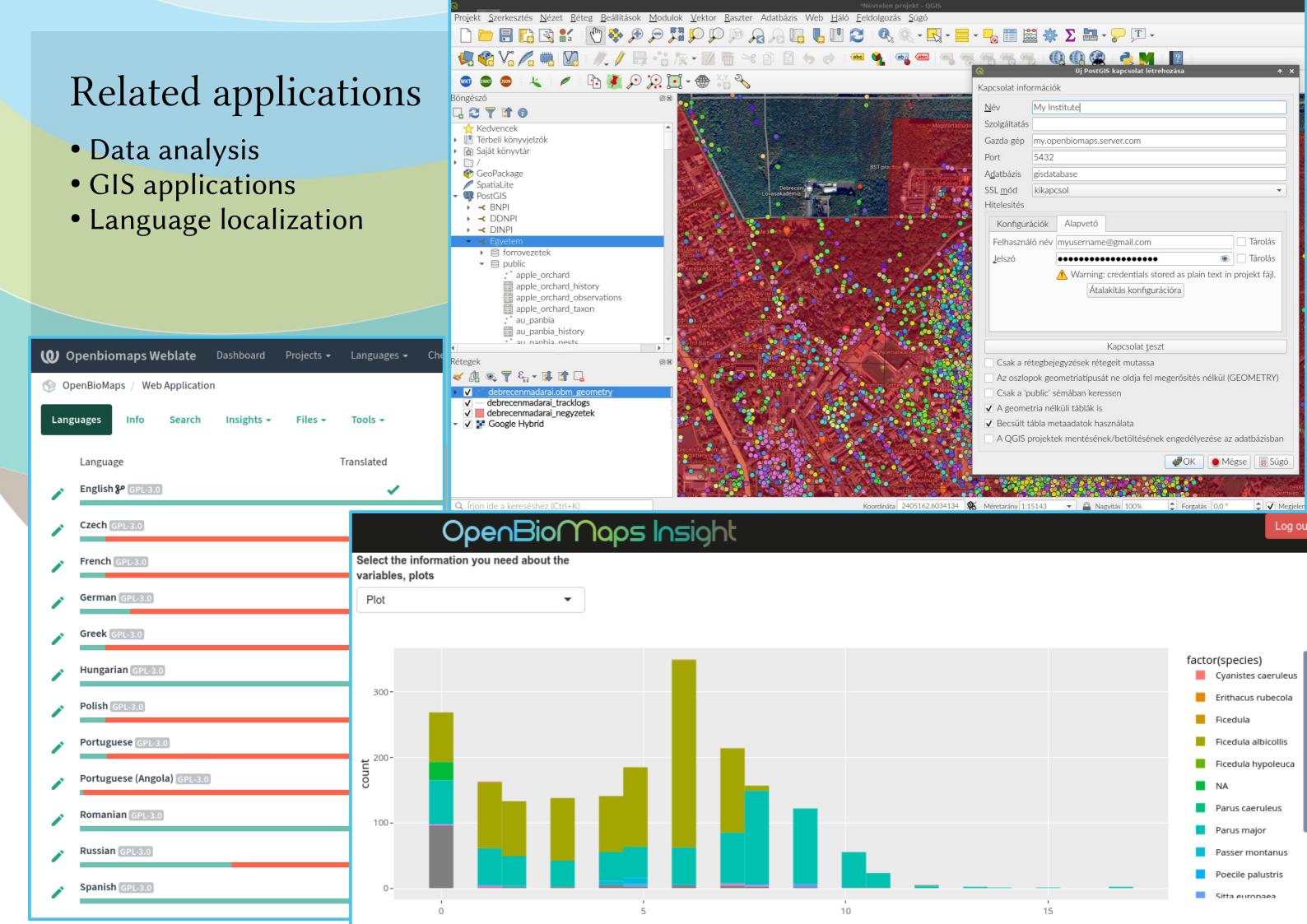


- Web map display
- Custom web interfaces
- Custom modules and background processes
- Web mobile applications (PWA)

Profile







How can we use it?

- On your own server
 - Simple (Docker) installation
 - Full independence
- on an OpenBioMaps server
- On another institution's server













