



Open foris initiative



Collect

Easy and flexible
survey design and
data management



1.
Collect
Mobile

Intuitive data
collection and
validation in the field



Collect
Earth

Innovative land
assessment through
freely available
satellite imagery



Calc

Efficient and
collaborative data
analysis and results
dissemination



Geospatial
Toolkit

Powerful command-
line utilities for
processing
geospatial data

www.openforis.org



Collect Earth

Government, research institutions and NGOs use these tools for a wide range of monitoring purposes such as:



Forest Inventories



Climate Change reporting



Socio-economic surveys



Biodiversity assessment



Land Use, Land Use Change and Forestry measurement



Deforestation monitoring with remote sensing



Detecting desertification and trees outside of forest



Collect Earth

Collect Earth - Drylands Monitoring

File Tools Help

Operator

Open Foris Collect Earth server should be running while the operator interprets data.
Please maintain this window open while you are using Google Earth.



GAEZ Data Portal 3.0



- ❖ Agro-Ecological Zones (AEZ) methodology provides a standardized framework **for analyzing synergies and trade-offs of alternative uses of agro-resources** (land, water, technology) for producing food and energy, while preserving environmental quality
- ❖ AEZ analysis **yields knowledge about current and future production potentials of land**, helps identify land and water limitations and provides insight into current yield and production gaps and their causes
- ❖ AEZ database provides **data and information on agricultural resources, potentials, synergies and trade-offs for sustainable development** including applications of climate smart agriculture, sustainable intensification addressing issues of food security under a changing climate

www.fao.org/nr/GAEZ



GAEZ Data Portal 3.0

- ❖ Provides interactive and dynamic web application to report on the **current state and trends of agricultural production and crop suitability**
- ❖ Designed based on multi-dimensional, multi-temporal and multi-purpose database
- ❖ Developed using standards and innovative technology
- ❖ Enables public access to data and information
- ❖ Becoming a gateway global, regional and local geospatial and tabular information on agricultural resources and potential

