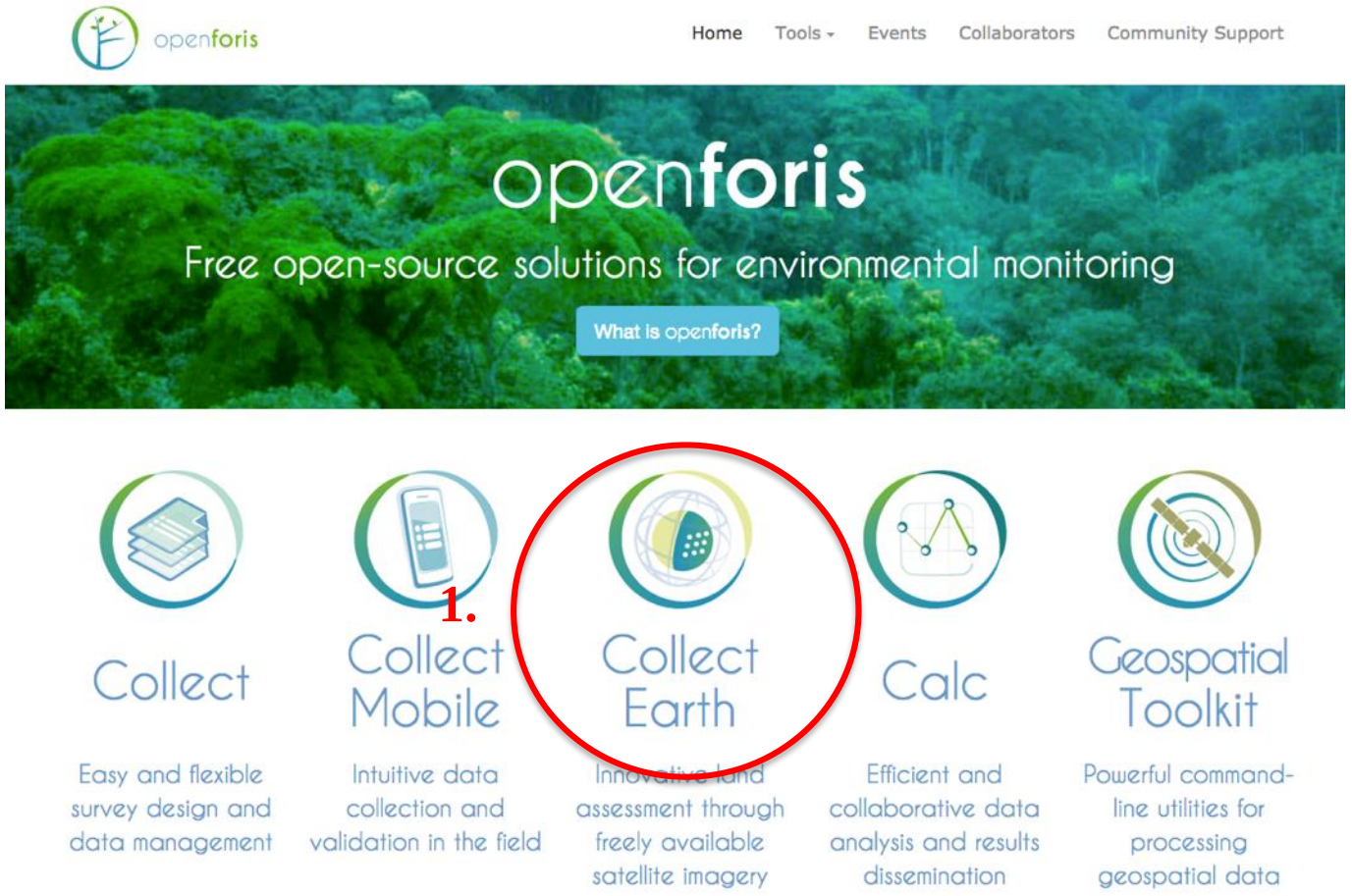
Food and Agriculture Organization of the United Nations

Open foris initiative



www.openforis.org

Food and Agriculture Organization of the United Nations

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

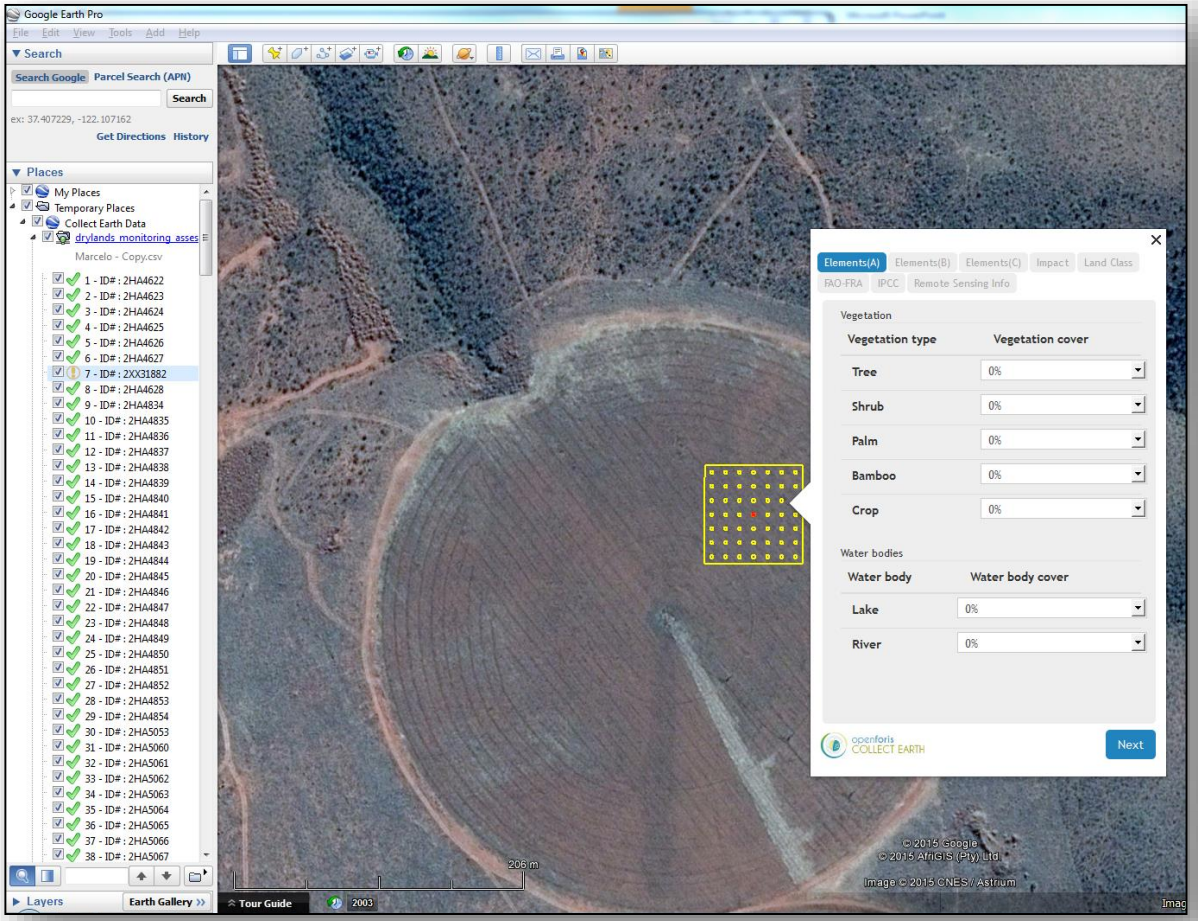
Land Use, Land Use Change and Forestry measurement

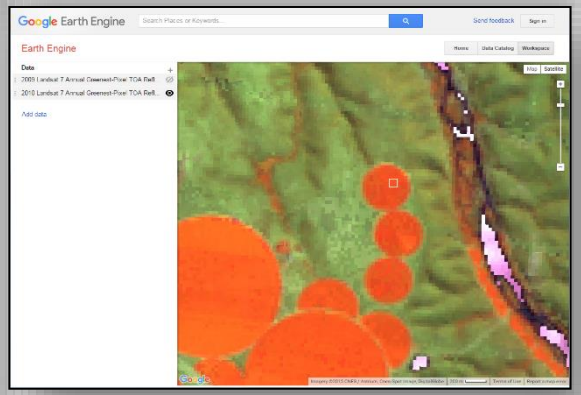
Deforestation monitoring with remote sensing

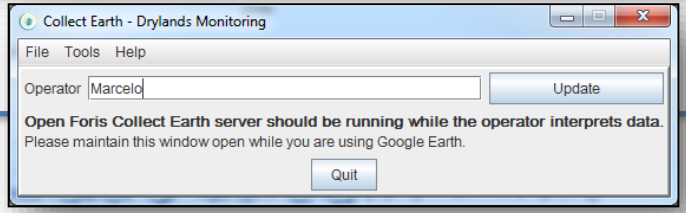
Detecting desertification and trees outside of forest

Food and Agriculture Organization of the United Nations

Collect Earth







Food and Agriculture Organization of the United Nations

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

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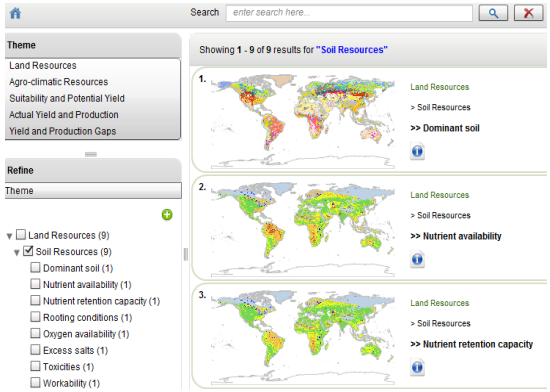
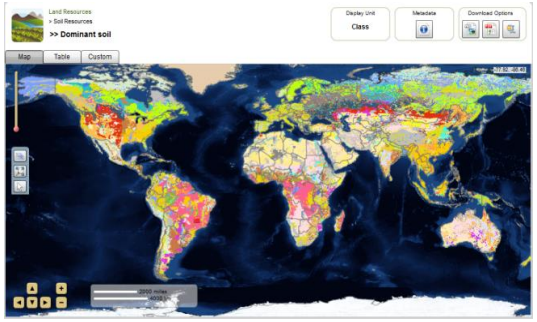
GAEZ Data Portal 3.0

- 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





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