Gates Foundation | giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH | DIASCA Digital Integration of Agricultural Supply Chains Alliance | COSA Committee On Sustainability Assessment | AGILE DATA & DPI SUMMIT 2026

Group 1

DPI Learning in Practice

DPI Tools Hands-on: Plot Geolocation & Deforestation Risk Assessment

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1. Plot geolocation with Open Foris Ground

Hands-on, free-to-use, quick to implement

Needs: Quick and simple geolocation of farm plots

Manageable: Simple web interface for survey creation, data view and export for further use

Intuitive: Simple app to quickly deploy on any Android smartphone

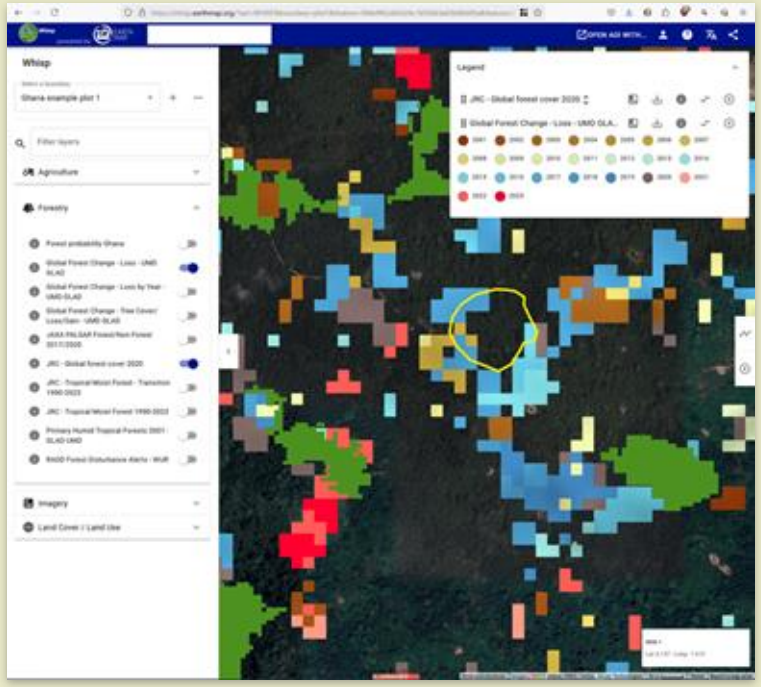
Highly customizable: Adapt to the specific needs of cooperatives, NGOs, commercial or gov entities

Open-source: Clone code from Github & adapt

Pre-competitive: May be used in commercials solutions as well

Interoperable: Standard formats and API integration

2. Deforestation risk assessments with Open Foris Whisp
(What is in that plot?)



Hands-on, free-to-use, quick to implement

Interoperable: Standard formats & API call from other solutions

Needs: Sound deforestation risk assessments at plot level

Scalable: Assess up to 5000 plots per API call

Convergence of Evidence: Scan all openly available datasets with one click

Open-source: Clone code from Github & add own map datasets to assess deforestation risk

Manageable: Simple web interface for visual or bulk risk assessments

Pre-competitive: May be used in commercials solutions as well

Links to further resources:

Open Foris website

- Ground **Manual**
- Ground **eLearning course**
- Video tutorial for the **Ground Android app**
- Video tutorial for **Ground survey design and data management**
- Code on Github for **Ground platform** and **Ground Android**

- **Whisp tutorial**
- **Whisp Earthmap** (for visual interpretation of few plots)
- **Whisp API** (for bulk analysis of up to 5000 plots)
- Code on Github for **Whisp**