



Food and Agriculture
Organization of the
United Nations



FRAMEWORK FOR
ECOSYSTEM
RESTORATION
MONITORING



FERM

Framework for Ecosystem Restoration Monitoring



A global platform
to track and accelerate
global ecosystem
restoration efforts

What is FERM?

The Framework for Ecosystem Restoration Monitoring (FERM) is a **free, global monitoring and reporting platform developed by FAO** to help countries and stakeholders track, document, and report ecosystem restoration progress. **It supports the UN Decade on Ecosystem Restoration and Target 2 of the Kunming-Montreal Global Biodiversity Framework**, which aims to restore 30% of degraded ecosystems by 2030. FERM offers scalable, transparent, and harmonized tools for monitoring, data sharing, and showcasing restoration initiatives and good practices across all ecosystems, all through a user-friendly interface.



Why use FERM?

Align with global targets

Contribute to GBF Target 2, the UN Decade and support SDGs

Make data-driven decisions

Monitor impact using geospatial and indicator-based tools

Share and discover good restoration practices

Learn from what works and replicate success

Foster collaboration

Join a growing global community of restoration practitioners

Monitor real impact

Track restoration progress at both local and national levels

Enhance visibility

Share your work and learn from others

Who is FERM for?

FERM is for **everyone involved in restoration**, including:

- National/local governments
- NGOs and civil society
- Indigenous Peoples and local communities
- Researchers and academia

FERM enables these stakeholders to **register efforts, share data, and contribute** toward the global restoration movement.



FERM Functionalities

FERM provides a **harmonized registry**, a **geospatial platform**, an **interactive search engine**, and a **forthcoming dashboard**, ensuring that restoration efforts are harmonized, documented, monitored, and shared with a global network of restoration practitioners.



FERM Registry

A centralized database to document restoration initiatives and good practices across all ecosystems. The registry enables users to:

- Document key project details, GIS files, and indicators
- Track progress through planning, implementation, and monitoring phases, with preview before publication
- Capture good practices to support knowledge sharing and learning

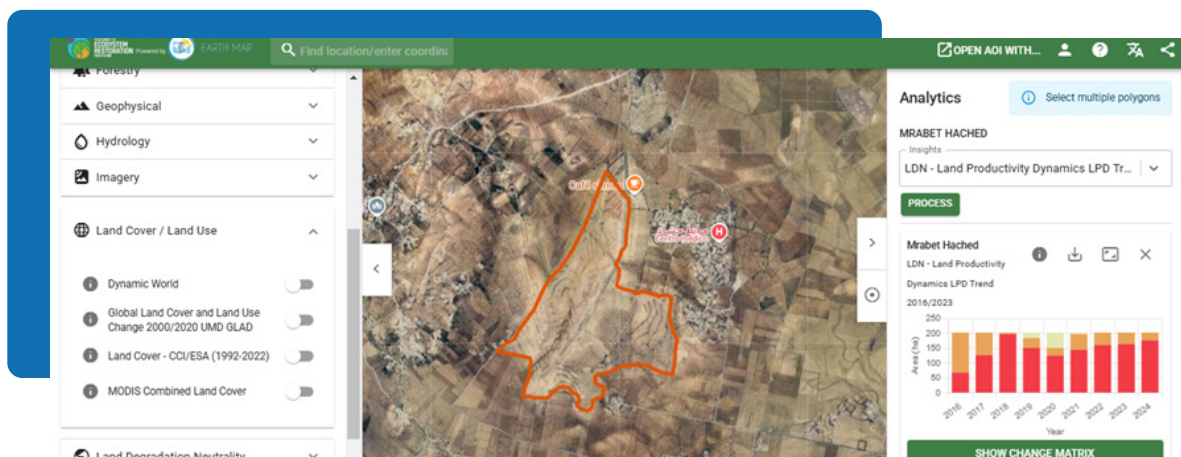
FERM Geospatial Tool

Powered by **FAO's Earth Map**, this web-based tool offers:

- Interactive maps with real-time satellite imagery
- Monitor land cover, biodiversity, and degradation trends
- Data-driven insights to support effective decision-making

FERM Search Engine

Explore **over 2000+ restoration initiatives and good practices** from multiple platforms. The FERM Search Engine is co-developed by the UN Decade Monitoring Task Force and the UN Decade Best Practices Task Force. It promotes knowledge-sharing and enhances the transparency of restoration.



Let's restore the planet together #generationrestoration

Visit ferm.fao.org to learn more, register your initiative, share good practices and explore global restoration data.

Contact us

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Scan this code to read
more on FERM



In collaboration with:



AIM Forests