

Agadir, Morocco

March 20th – 24th, 2017



**Fifth
Mediterranean
Forest Week**

ONLINE REPOSITORY OF MONITORING TOOLS

FLR Knowledge Base

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FAO – FLRM



FLR global knowledge platform

- Resources organized into different categories
 - Integrated land-use planning
 - Assessing degradation / Restoration opportunities
 - Implementation of restoration
 - **FLR Monitoring**
 - Economics & Finance
 - Capacity development

Context of the collaborative monitoring roadmap



- Activity stream 1 – Guidance document
- Activity stream 2 – FLR monitoring knowledge platform
- Activity stream 3 – Effective FLR processes at country and regional levels
- Activity stream 4 – Community of practice
- Activity stream 5 – Innovation hub



The Knowledge Base – FLR monitoring Process

- Online research
- Internal consultation (March 2016)
 - Gathering of resources developed in FAO
- Monitoring Week (April 2016)
 - Additional resources from external organizations
- Selection process, combining all sources
- 1st stage → most relevant tools
- Total of 36 selected, so far

The Knowledge Base – FLR monitoring Process



- Dimension
 - Environmental
 - Socio-economic
 - Management
 - Governance & Participation
- Scale
 - Global
 - Regional
 - National
 - Local
- Type of resource
 - Guidance and methods
 - Learning and capacity development
 - Software
 - Case studies
 - Repository of data
 - Other

The Forest and Landscape Restoration Mechanism (FLRM)

- Home
- Background
- Activities
- Resources
- News and Events
- Partners

The **FAO Forest and Landscape Restoration Mechanism FLRM** aims to facilitate a process in selected countries to provide support, as needed, for improving the enabling environment, institutional arrangements, organizational and technical capacity and other concerns related to designing, planning and implementing a large scale and comprehensive FLR programmes.

This **knowledge platform** facilitates the access to a comprehensive database of resources related to forest and landscape restoration in a wide range aspects. More specifically, it provides access to an online user-friendly platform where users can find guidance starting from the planning to the implementation, going through management, of a restoration project.

This collection of publications from various types of organization (international, regional/national, financial institutions, in-FAO teams/initiatives) contains so far only monitoring related resources, including tools, approaches and guidelines, under the "Monitoring and Evaluation" section. The rest of the sections will be progressively activated as they are completed.

FLR MONITORING - Resources to assess progress and success of restoration efforts. Monitoring is a way to know how well restoration projects and programmes are implemented, but also is referred to the physical evaluation of the forest and landscape to determine if the restoration efforts are successful.

LAND USE PLANNING - Resources to select and adapt land-use options which are most beneficial to land users without degrading the resources of the environment, together with the selection of measures most likely to encourage such land uses.

ASSESSMENT OF DEGRADATION / RESTORATION OPPORTUNITIES - Resources to explore degradation of forests and landscapes, assess its degree and seek restoration opportunities.

IMPLEMENTATION OF RESTORAION - Resources to help through the process of the implementation of forest and landscape restoration programmes or activities.

ECONOMIC & FINANCIAL ANALYSIS - Resources to support exploring financing opportunities for restoration, as well as approaches and methods for cost-benefit analysis of restoration activities.

CAPACITY DEVELOPMENT AND EXTENSION - Collection of learning programmes, capacity building material, and links to institutions that provide resources, courses and/or trainings on forest and landscape restoration.

Advanced Search

Category

Type

Scale

Keywords

Search

SHARE YOUR TOOL

COMMUNITY OF PRACTICES

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FLR MONITORING



Monitoring is critical to follow up progress of FLR efforts, communicate on their results and report at national and international levels. To support that complex process, a wide range of key organizations are partnering through the collaborative roadmap for FLR monitoring. This roadmap includes the development of an interactive knowledge platform and a community of practice for FLR monitoring.

The Partners to the Collaborative Roadmap



Global Agro-Ecological Zones (GAEZ)

The GAEZ database provides the agronomic backbone for various applications including the quantification of land productivity. Results are commonly aggregated for current major land use/cover patterns and by administrative units, land protection status, or broad classes reflecting infrastructure availability and market access conditions. With this large amount of data, a new system had to be created to make the data accessible to a variety of users. The result is the new GAEZ Data Portal, an interactive data access facility, which not only provides free access to data and information and allows visualization of data, but also provides the user with various analysis outputs and download options.

Keywords: Agriculture, Sustainability
Category: Monitoring & Evaluation
Type: Guidance and methods, Software, Repository of data
Scale: Global, Regional
Dimension: Biophysical, Ecological
Organization: FAO - DDN
Year of publication: 2012

Collect Earth

Collect Earth is a tool that enables data collection through Google Earth. In conjunction with Google Earth, Bing Maps and Google Earth Engine, users can analyze high and very high resolution satellite imagery for a wide variety of purposes, including: Support multi-phase National Forest Inventories; Land Use, Land Use Change and Forestry (LULUCF) assessments; Monitoring agricultural land and urban areas; Validation of existing maps; Collection of spatially explicit socio-economic data; Quantifying deforestation, reforestation and desertification

Keywords: Data collection, Land use change, Mapping
Category: Assessing degradation & Restoration opportunities, Monitoring & Evaluation
Type: Guidance and methods, Software
Scale: Global

Search

Category

Type

Scale

Dimension

Search

COMMUNITY OF PRACTICES

SHARE YOUR TOOL



<http://www.fao.org/in-action/forest-landscape-restoration-mechanism/knowledge-base/en/>



How can Mediterranean partners contribute?

- Providing feedback
 - First impressions?
 - Anything missing?
- Sharing your tools/methods/approaches
 - Inputs from stakeholders → different organizations and locations
 - Improve the quality and variety of the data
 - Keep it up to date
 - Peer review selection process by experts
- Promoting the platform

THANK YOU!

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Knowledge sharing

- Support countries in programming and implementing FLR plans and activities
- Knowledge management, communication and outreach will support the development and implementation of FLR efforts
- Need of making knowledge accessible and working for decision makers and practitioners
- Objective to facilitate access to comprehensive database of FLR resources