

Capacity development and improvements for African forest and carbon monitoring

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Lead partners

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FOUR GFOI COMPONENTS



REDDcompass.org



Home ✓ MGD REDDcompass ROT openMRV

MRV operationalization support from the GFOI



Methods and guidance on the intergration of remote-sensing and ground-based observations for estimation of emissions and removal of greenhouse gases in forests.



Guides countries through key themes, concepts and actions of REDD+ National Forest Monitoring Systems for Measurment, Reporting and Verification.

ROT

Registory of tools to support the operationalization of REDD+ National Forest Monitoring Systems for Measurment, Reporting and Verification.



Open source knowledge platform that delivers resources to support countries and other users to operationalize their forest MRV processes.



GFOI and Africa

- 160 support activities delivered to African countries by GFOI partners
- Regional Country Needs Assessment (CNA) workshop convened in Ethiopia in 2019 – more to come with CLP
- Mozambique first country to receive payments for emissions reductions from the FCPF Carbon Fund, a GFOI lead partner
- The last in-person GFOI Plenary was held in Africa: Maputo in April 2019.





We are continuously assimp to opticals and improve the quality of the information provided. If you are avairs of other activities or the need to opticle the information featured below, please contact the GFGI Office on GFGI -Official and

National Forest Monitoring/Data Assessment based on FAO's FRA 2020



Nesha et al., 2021. An assessment of data sources, data quality and changes in national forest monitoring capacities in the Global Forest Resources Assessment 2005–2020, ERL

Nesha et al., 2022. Exploring characteristics of national forest inventories for integration with global space-based forest biomass data, STOTEN

- Continuous improvement in the use of RS for area & change estimation based on free and open satellite data
- National forest inventory (NFI) data improvements widespread in tropics, mostly one-time NFI's
- Importance of both international support and countries own investments
- Key issues for future:
 - Sustain progress
 - Fill remaining gaps
 - Respond to evolving needs
 - Space-based biomass estimation and NFI's

Analysing Aboveground Woody Biomass Dynamics in Africa



Rodríguez-Veiga et al., (in preparation)







ESA CCI BIOMASS

Global Forest Observations Initiative



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