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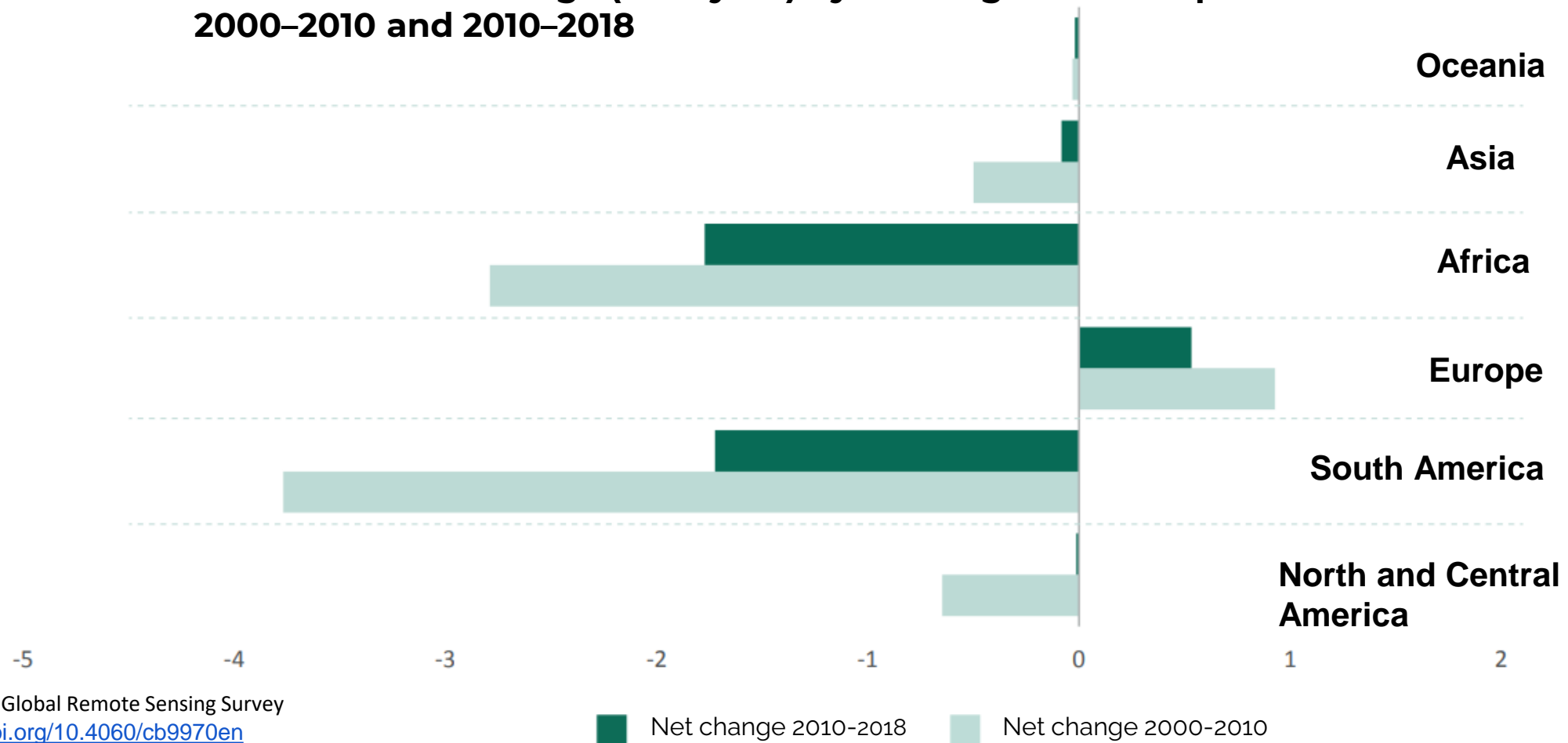
Data and knowledge management to support sustainable natural resource management of Africa

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Deforestation continues at an alarming pace

Forest area net change (Mha/year) by FAO region for the periods 2000–2010 and 2010–2018



Challenge and opportunities: Agriculture-Forestry Linkages

Agriculture expansion drives more than 90% of deforestation in Africa



Opportunities

Forest / Agriculture Nexus: Better Production – Better Environment

COAG 28 Decision on ‘Agriculture and Forestry Linkages’

- Decouple agricultural production growth from forest and biodiversity loss

Challenges

DATA & EVIDENCE

FOREST PRODUCTS STATISTICS



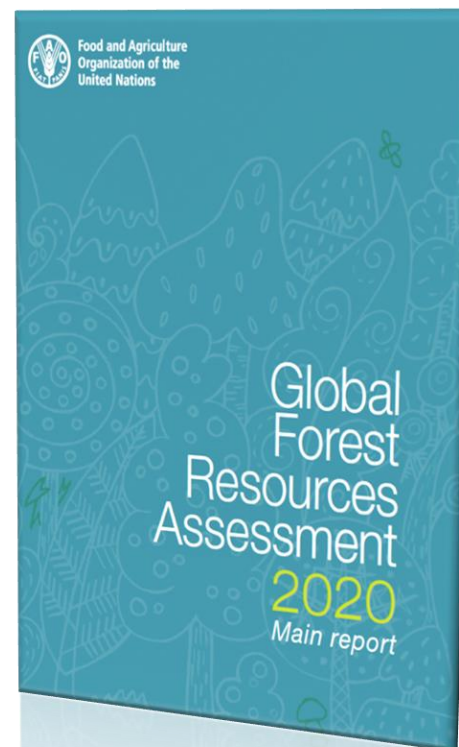
<http://www.fao.org/forestry/statistics/80570/en/>

SOFO



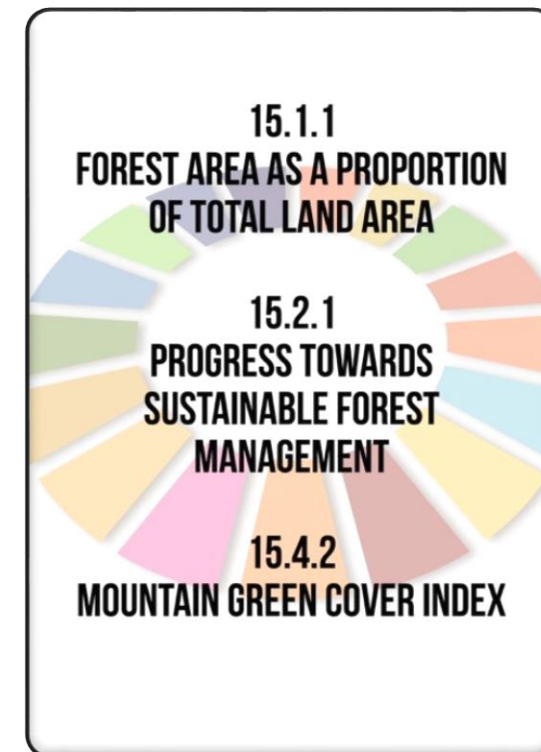
<https://www.fao.org/publications/sofo/2022/en/>

FRA



<http://www.fao.org/forest-resources-assessment/2020/en/>

SDG INDICATORS



<http://www.fao.org/sdg-progress-report/en/#sdg-15>

Open source tools

Open source tools for forests

- FAO developed open source tools and platforms for quality data and transparent reporting
- Platforms like **SEPAL** enable African countries to get access and process vast amounts of satellite data through cloud computing
- 77% of countries reporting REDD+ data to the UNFCCC used **Open Foris tools**
- **Open Tenure tool**: supporting field practitioners to record tenure rights for recognition



openforis

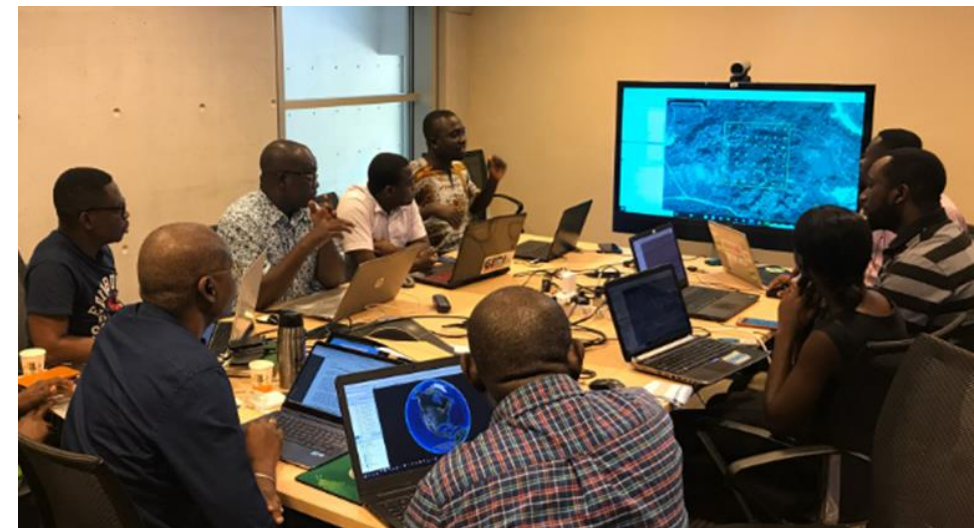


SEPAL

SYSTEM FOR EARTH OBSERVATION
DATA ACCESS, PROCESSING &
ANALYSIS FOR LAND MONITORING



OPEN TENURE



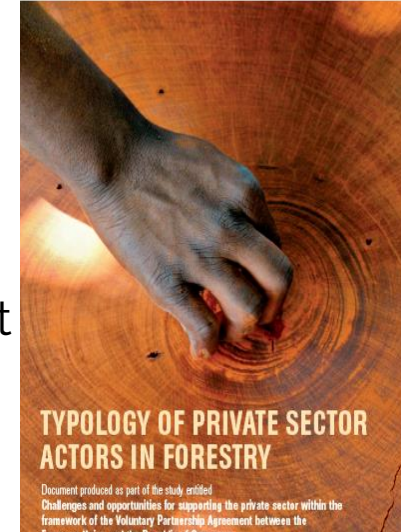
Traceability of timber (FLEGT)

Data & Evidence

- Global body of **knowledge** on and experience in forest governance
- [TimberLex](#) provides information on legislation relating to forest management, timber production and trade

Support to members

- **Empowering stakeholders** to improve sustainable forest governance and comply with nationally-defined legality
- Support to over **27** countries across Asia, Africa, Latin America & the Caribbean (**12** in sub-Saharan Africa)



FAO's work in knowledge management of Africa

What are FAO's roles of knowledge management to support sustainable natural resource management of Africa?

Global thought leadership

- Halting Deforestation and Enhancing Resilience
- Mainstreaming Biodiversity and Restoring Forest Ecosystems
- Enhancing Sustainable Production, Use and Livelihoods

Data & Evidence

- Forest products and statistics
- State of the World's Forests (SOFO)
- Global Forest Resources Assessments (FRA)
- Open access tools

Support to members

- UN-REDD Programme; Forest governance & trade
- Great Green Wall; Forest landscape restoration mechanism
- SFM toolbox; SW4SW; Forest & Farm Facility
- National forest monitoring MRV





- *Knowledge provision and exchange needs to be at the heart of African Sustainable Nature Resource Management*
- *Platforms and global knowledge exchange can help remove barriers and enhance synergies between sustainable production and forest management.*



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Thank you!