

Global Forest Observations Initiative (GFOI)



Herold M., Carter S., Harvey T., Seifert F.M.

UNFCCC SBSTA side event:

Biomass estimation from satellites in support of national Green House Gas reporting

20. June 2019



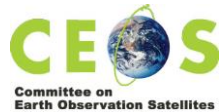
What is GFOI?

Global partnership for coordinating international support on forest monitoring & MRV for REDD+ and related forums.



GFOI Partners

- **Founded under Group on Earth Observations (GEO) in 2011**
 - **First work plan was 2012-13**
 - **Review in 2016 led to development of Phase 2**
- **Lead partners: currently Australia, CEOS, ESA, FAO, Norway, UK, USA, & the World Bank**
- **Many other contributor including UNFCCC, IPCC, universities, technical and policy experts**
- **Open to new partners.**



FOUR GFOI COMPONENTS



METHOD & GUIDANCE DOCUMENTATION (MGD)

Developing and disseminating user friendly guidance materials



CAPACITY BUILDING

Delivering direct assistance to developing countries



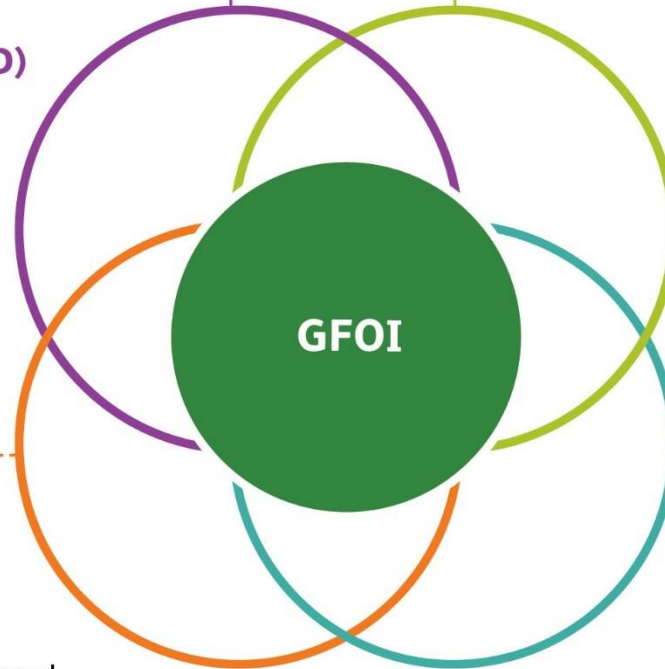
RESEARCH & DEVELOPMENT

Identifying new technologies and overcoming barriers to progress



DATA COORDINATION

Supporting developing countries to use cost-effective data and tools



GFOI

Enhancing data, capacities and guidance

- Almost all REDD+ countries use free and open satellite data to estimate activity data
- GFOI Methods and Guidance (www.gfoi.org/methods-guidance/)
- Training materials (<http://www.gofcgold.wur.nl/redd/training-materials/>)
- Dedicated expert synthesis workshop and modules for accuracy assessments (<http://www.gfoi.org/rd/>):
 - FAQ for accuracy assessment and stratified area estimation for activity data ([weblink](#))
 - FAQ for uncertainty assessment of emission factors ([weblink](#))

Want more?

- gfoi.org
- facebook.com/gfoi1
- twitter.com/gfoi_forest
- office@gfoi.org

Agenda

- **Martial Bernoux (FAO)**

Progress of REDD+ countries for EF estimation

- **Frank-Martin Seifert (ESA)**

Space-based data for biomass mapping

- **Martin Herold (WU)**

Revised IPCC guidance and upcoming opportunities