



GF  **I** Global Forest
Observations Initiative

Plenary

Online
7-9 September 2021

Data Component

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8 September 2021



Recent Data Component work

- Contribution to MGD 3.0 – complete
- Registry of Tools – launching soon!
- Ground Data Review – in progress
- Interface between data/tools & GFOI community/Components – ongoing



Data Component contribution to MGD 3.0

- In MGD 2.0, ground data and remote sensing observations were described in a single chapter.
- In MGD 3.0, data sources (Ch. 3) and data processing (Ch. 4) have been expanded across two chapters, including:
 - Clarified definitions of data uses, i.e., as reference data or auxiliary data for stock-change and gain-loss approaches.
 - Expanded guidance on the collection, storage, and use of ground data.
 - Expanded guidance on integration of ground data with remote sensing data.



Registry of Tools

- What is a tool?
 - *Any piece of technology that directly or indirectly supports National Forest Monitoring Systems (NFMS) and associated measurement, reporting and verification (MRV) procedures*
- Provides a clearinghouse of the range of tools countries may use to Measure, Report, and Verify greenhouse gas emissions from forests.
- Facilitates a dynamic connection of information about tools to the Methods and Guidance Documentation (MGD)



Ground Data Review

- Purpose: To identify gaps in existing guidance on the collection and use of ground data, particularly for integration with space data.
- Timeline:
 - Initiated in 2019 by Andreia Sequeira
 - Paused for revision of MGD; initial recommendations led to expanded guidance on ground data in MGD 3.0
 - Resumed in 2021 (in progress), with contributions from FAO, US Forest Service, and R&D Component Co-Managers



What should the Data Component be doing?

- Assume a more holistic role in coordinating the availability, accessibility, and capacity to use different datasets and tools across the GFOI community.
- Work with partners and developers to encourage the use of GFOI's platforms (MGD, REDDCompass, Registry of Tools, OpenMRV) to help countries operationalize their MRV processes.
- Connect with the CEOS work programme as it relates to forests and AFOLU and support for the UNFCCC's Global Stocktake process.
- Work with other Components to support uptake of existing datasets and tools, as well as to identify and address roadblocks through cooperation under GFOI.



Data Component operations and engagement

- Quarterly calls (virtual meetings) convened by Component Managers
- Encourage information sharing
 - Feature presentations by partners who are developing new products (datasets or tools) or distributing/serving datasets and tools for forest monitoring
 - Allow partners to better plan for updates to OpenMRV and Registry of Tools platforms
- Identify opportunities for mutually beneficial collaborations to address common challenges
 - As needed, assemble ad hoc working groups of experts to address challenges
 - Use outputs to identify future collaboration with other Components (e.g., a new MGD module, a new capacity building need, a new R&D focus area)



Topics/questions for breakout session

- Which aspects of current Data Component work seem most promising to you or your organization, and why?
- What, if anything, is missing from the Data Component's current work?
- What metrics will indicate whether the Data Component is succeeding at serving the GFOI community?



Thanks

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