BOG 3 Conclusions

Expert Meeting for Technical Assessment of IPCC Inventory Guidelines: follow-up on specified issues from the 2015 expert meetings

Wollongong, Australia, 25 – 26 April 2016

Land Representation and use of Remote Sensing

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General remarks

Main conclusion:

Yes. Recent developments on methodologies for land representation (including remote sensing) requires refinements of 2006 GL.

The BOG has identified several issues that should be addressed by further elaboration of the existing GL

Several issues have potential inter-linkages that will need to be considered in the scoping meeting.

ISSUE	BOG Conclusion
How to decide when to use global data, products and tools for land use representation? Use of techniques (in conjunction and/or in complement with national data)	Elaboration of existing guidance (i.e. chapter 3) based on, inter alia: • MGD Module 2 and version 2 (currently in preparation); • GOFC-GOLD/GFOI/ESA Workshop on global datasets; • FFPRI Cookbook; • FAO (currently in preparation)

ISSUE	BOG Conclusion
Guidance on activity data uncertainties	Elaboration of existing guidance (i.e. section 3.5) by inter alia: - including material on statistical inference; - updating table 3.7 in IPCC GL; - using section 3.7 of MGD (Version 1); - etc.

ISSUE	BOG Conclusion
Extend IPCC Guidance on consistent use of time series data, including for tracking land use change	Elaboration of existing guidance by, inter alia: Using examples from relevant countries (e.g. Canada, Australia, etc.); Using FAO sampling approach; Etc.

ISSUE	BOG Conclusion
Integration of ground observation, ancillary and RS data	Elaboration of existing guidance by, inter alia: - Correlation of different types of data; - Using MGD; - Using countries examples; - GOFC/GOLD; - ALU Software; - ETC.

ISSUE	BOG Conclusion
Identification of disturbances in land representation	Elaboration of existing guidance by, inter alia: - Using KP supplement; - Etc.

ISSUE	BOG Conclusion
Guidance on how to better assess conversion to forest land and forest regrowth in the context of RS and ground data	Elaboration of existing guidance by, inter alia: - Adding use of time series, RS data and ancillary data; - Etc.

ISSUE	BOG Conclusion
How to relate national land classification to IPCC land categories, including sub-stratification	Elaboration of existing guidance by, inter alia, using: - Decision tree; - Ancillary data and management practices; - Examples of countries approaches; - Etc.

ISSUE	BOG Conclusion
Guidance on how RS land cover data, ground based data and ancillary data can be used to derive land use	Elaboration of existing guidance by, inter alia, identifying the attribution of the change through the use of: - Time series data; - Ancillary data; - Etc.

ISSUE	BOG Conclusion
Guidance on how consistency between REDD+ and/or project activities and IPCC inventory GL can be demonstrated	Elaboration of existing guidance by, inter alia: - Using MGD (in respect of REDD+); - GOFC/GOLD; - FFPRI Cookbook; - Etc.

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INTERGOVERNMENTAL PANEL ON climate change

ISSUE	BOG Conclusion
Guidance on how to use Tier 1 and 2 methods with Approach 3	Elaboration of existing guidance by, inter alia: - Covering multiple transitions for estimating emissions; - Etc.

ISSUE	BOG Conclusion
Guidance on how to deal with seasonal nature of specific land categories	Elaboration of existing guidance by, inter alia: - Better categorization of land through use of thresholds to identify seasonality; - Etc.

Issues to be addressed by FAQ

- **Capacity building for users of global products/tools**

- **Develop national expertise to use the global products/tools**
  - **FAQ to list potential sources of training materials and countries or organizations with relevant experience for sharing**

Issues that the BOG concluded that should not be addressed through refinement of IPCC GL

- **How to define forest degradation**
  - – **Definition is out of the scope of Guidance**
- **How to measure forest degradation**
  - – **There are sufficient guidance on how to measure changes in carbon stocks in forest remaining forest land**

Web links to documents mentioned

- MGD Version 1 is at http://www.gfoi.org/wp-content/uploads/2015/04/GFOIMGD_English.pdf

  (French and Spanish versions also available)

- MGD Version 2 is scheduled to be published later this year and will be available at http://www.gfoi.org/methods-guidance/

- MGD Module 2 is at http://www.gfoi.org/wp-content/uploads/2015/03/MGDModule2_Use-of-Global-Data-Sets.pdf

- GOFC-Gold Sourcebook is at http://www.gofcgold.wur.nl/redd/

- FFPRI Cookbook is at https://www.ffpri.affrc.go.jp/redd-rdc/en/index.html

- The report of the GOFC-Gold GFOI workshop on global datasets is at http://www.gfoi.org/rd/fourth-rd-expert-workshop/

- Landsat Portal

https://earthenginepartners.appspot.com/science-2013-global-forest