



# National workshop

## The role of science in the development of forest reference emission levels

 **13 June 2022**

 **1:00 pm-3:30 pm**  
 Time GMT+7 (Jakarta time)

 Registration:  
[bit.ly/390hYzU](https://bit.ly/390hYzU)

### Motivation

The development of forest reference emission levels (FREL) is obligatory for Parties to the United Nations Framework Convention on Climate Change (UNFCCC). As Indonesia ranks among the world's top holders of large carbon reservoirs in wetland ecosystems, including peatlands and mangroves, a number of under-represented sources and sinks needed to be included for improving the existing FREL and national MRV system. Emissions from peatland fires, which accounted for 27% of national emissions in 2014, emissions of non-CO<sub>2</sub> gases from drained peatlands, and oxidation of excavated mangrove soil were among the additional components factored in.

While Indonesia's first FREL submitted to the UNFCCC Secretariat was a laudable first effort, areas for technical improvement suggested by UNFCCC reviewers encompassed the inclusion of peatland fires and emissions of non-CO<sub>2</sub> gases. Emissions are reported at a Tier 2 level using country-specific data. In addition to the already adopted emissions factor (EF), Indonesia uses its own high-resolution land cover dynamics, known as activity data (AD) for the most important land cover categories.

The goal of this event is to create a constructive, honest space for scrutinizing some of the most promising demand-side opportunities for reducing emissions from deforestation and forest degradation, including from carbon-rich wetlands. The sessions will provide a critical

outlook of rapidly evolving legislative and private sector agendas shaping policy ambition and implementation in Indonesia and beyond.

### Objectives

The specific objective of this workshop is to bring together policymakers, practitioners and civil society to work together with scientists to:

- Understand the processes involved in developing and improving Indonesia's FREL in the context of national- and subnational-level implementation of emissions mitigation in the land sector;
- Assess the impacts of new data (emission factor and activity data) generation on level of confidence and the adoption of methodologies;
- Facilitate South-South knowledge exchange around FREL development and improvement, especially in countries housing wetlands;
- Identify needs for future FREL improvement.

### Expected outputs

- A workshop report (records of each session and plenary discussions, a detailed list of participants, and results of the participants' feedback survey, etc.)
- A policy brief on the role of science in the development and improvement of FREL: Lessons learned and implications for tropical wetland-rich countries
- Recommendations for developing terms of reference for final evaluations of FREL projects.

## Organization, date and participants

The event, co-organized by CIFOR and National Research and Innovation Agency (BRIN), will take place on **13 June 2022**. Sessions will be entirely **virtual** and **bilingual**, with interpreters available for Indonesian and English speaking audiences. The workshop will involve 50 invited participants representing

relevant government agencies, the private sector, civil society and academia, but is also open for members of the public through **registration**. Invitations will be extended to participants representing member countries of the International Tropical Peatlands Center (ITPC).

## Agenda

Time GMT+7 (Jakarta time)	Agenda	Speaker	Moderator
1:00 pm-1:30 pm	Introduction  Opening remarks <ul style="list-style-type: none"><li>• CIFOR-ICRAF</li><li>• BRIN</li></ul>	Daniel Murdiyarso <i>Principal scientist, CIFOR</i>  Robert Nasi <i>Director General, CIFOR</i>  Laksana Tri Handoko <i>Head, BRIN</i>	MC
1:30 pm-2:00 pm	Indonesia's 2 <sup>nd</sup> FREL, 2022 <ul style="list-style-type: none"><li>• Components considered</li><li>• Areas of improvement</li><li>• Uncertainties</li></ul> Discussion	Syaiful Anwar <i>Director of GHG Inventory, MoEF</i>  Kristell Hergoualc'h <i>Senior scientist, CIFOR</i>  Oswaldo Carrillo, <i>Freelance statistician, Mexico</i>	Sigit Sasmito
2:00 pm-2:30 pm	Subnational initiatives <ul style="list-style-type: none"><li>• FOLU Net Sink 2030</li><li>• Regulations and financial streams</li><li>• Best practices</li><li>• Institutional and human resources capacity building</li></ul> Discussion	Djoko Hendratto <i>President Director, Indonesian Environmental Fund Management Agency</i>  Rudi Syaf <i>Executive Director, WARSI</i>  Belinda Margono <i>Director of Forest Resource Inventory and Monitoring, MoEF</i>	Solichin Manuri
2:30 pm-3:00 pm	Reaching global like-minded <ul style="list-style-type: none"><li>• Knowledge platforms</li><li>• Challenges and opportunities</li><li>• Improvements for South-South exchange</li></ul> Discussion	Haruni Krisnawati <i>Senior scientist, BRIN</i>  Johan Kief <i>Advisor, UNEP</i>  Michael Dougherty <i>Communications Team Leader, CIFOR</i>	Bimo Dwisatrio
3:00 pm-3:30 pm	Wrap up <ul style="list-style-type: none"><li>• Research for impacts</li><li>• Lessons learned</li><li>• Project evaluation</li><li>• Way forward</li></ul>		Rupesh Bhomia