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## ■ #HappeningNow Exploring Criteria and Indicators for Tropical Peatland Restorations: Synthesis and Way Forward

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#PeatlandsMatter #SWAMP

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### Online Workshop 4

Exploring Criteria and Indicators for Tropical Peatland Restoration

# A Synthesis and Way Forward

17 December 2020  
2.00 PM-4.30 PM (GMT+7)

Photo by Rifky/CIFOR

► **Keynote Speaker**

**Nazir Foad**, Head of Peatland Restoration Agency

► **Opening session**

**Daniel Murdiyarso**, CIFOR

► **Closing session**

**Haris Gunawan**, Peatland Restoration Agency

► **Moderators**

**Adam Gerrand**, FAO  
**Daniel Murdiyarso**, CIFOR  
**Dyah Puspitaloka**, CIFOR  
**Rupesh Bhomia**, CIFOR  
**Herry Purnomo**, CIFOR

► **Speakers**

**Budi Wardhana**, Peatland Restoration Agency  
**Mark Reed**, SRUC  
**Herry Purnomo**, CIFOR  
**Gusti Anshari**, Tanjungpura University  
**Muh Taufik**, IPB University

**Solichin Manuri**, Daemeter Consulting  
**Siti Hamidah**, Lambung Mangkurat University  
**Dian Novarina**, APRIL group  
**Yuti Ariani**, Nanyang Technological University

**Moiri Moeliono**, CIFOR  
**Sera Noviany**, APP Sinarmas  
**Diah Suradireja**, Yayasan Kehati  
**Hasbi Berliani**, Yayasan Kemitraan  
**Dwi Rahmad Muhtaman**, Remark Asia

► **Discussants**

**Mark Reed**, SRUC  
**Dharsono Hartono**, PT Rimba Makmur Utama

**Josi Khatarina**, Terpercaya Initiative  
**Marcel Silvius**, GGGI

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[bit.ly/2Kysn9l](https://bit.ly/2Kysn9l)

You may also follow our coverage in Bahasa Indonesia with [@CIFOR\\_hutan](#) here ■■ <https://t.co/KA6ML5DsJg>

U0001f4e3 #HappeningNow: Seri ke-4 Webinar #SWAMP Eksplorasi Kriteria dan Indikator untuk Restorasi Lahan #Gambut Tropis: Sintesis & Langkah ke Depan | <https://t.co/C7bFDHLACH> @BRG\_Indonesia @usaidindonesia @Climateforest @FAOIndonesia @UNEP #PeatlandsMatter [pic.twitter.com/H5nqr0BIQc](https://pic.twitter.com/H5nqr0BIQc)

— CIFOR (Bahasa) (@CIFOR\_hutan) December 17, 2020

The #SWAMP Webinar Series began in September; and today's culminating session aims to facilitate interactive discussions and present a synthesis of new insights and information exchanged during the past webinars

Learn more ➡ <https://t.co/nd6sKNiu5e>

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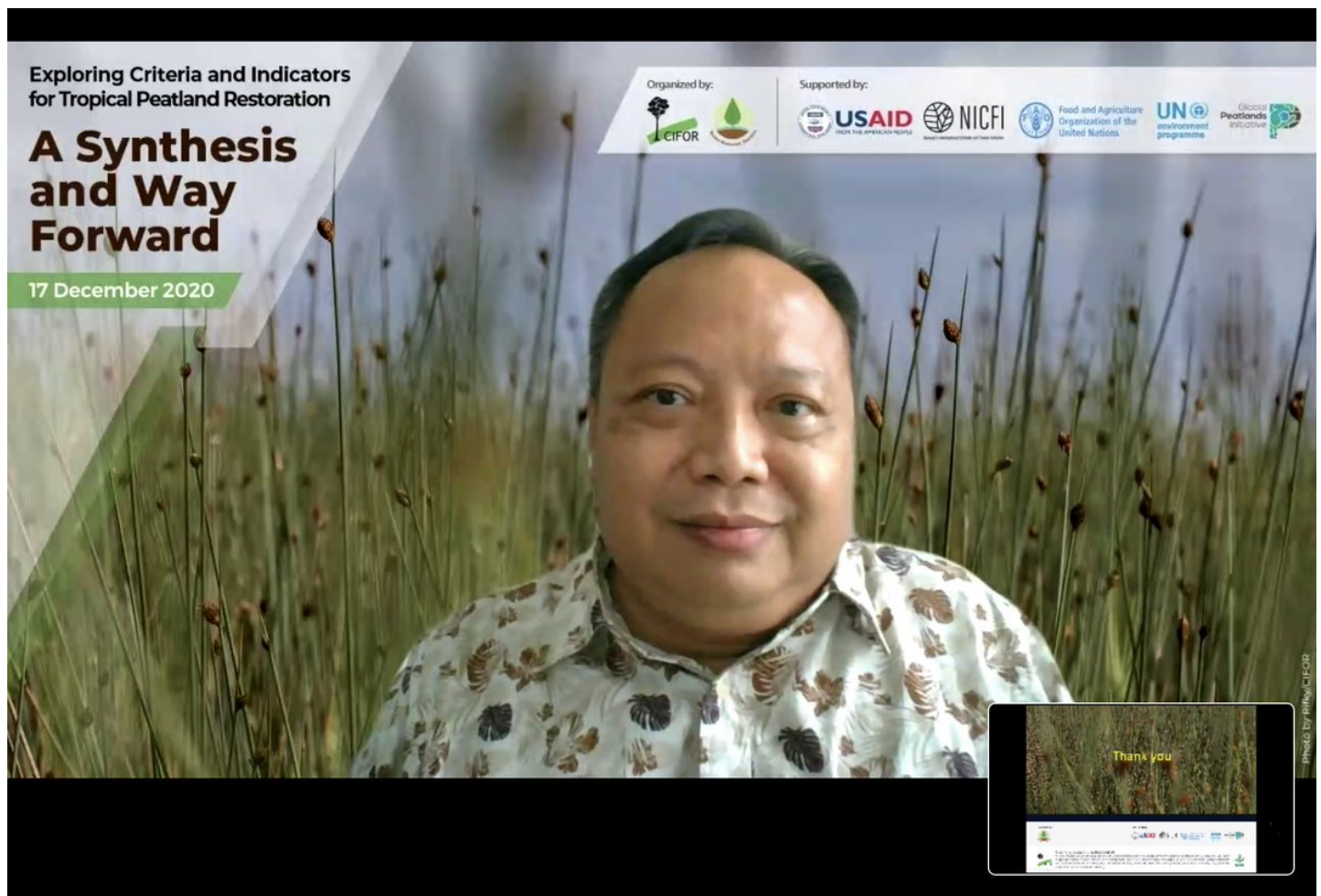
Determining C&I may also be an iterative process

Indicators need to be monitored, says Budi S Wardhana of [@BRG\\_Indonesia](#).

There are still challenges along the way:

- ✓■ Cost
- ✓■ Time
- ✓■ Ease of use
- ✓■ Reliability
- ✓■ Efficacy for adjustment/corrective action

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#### ■ ■ 4 ■ ■ Things That Could Go Wrong

- Over-reliance on single indicators
- Reporting indicators w/o contextual data
- Accurate indicators but nobody can measure
- Monitoring w/o benefits for local communities

"What we measure matters,"

- [@profmarkreed](#), [@SRUC](#)

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■ CIFOR Scientist [@hpurnomo3](#) stresses the importance of ~suitability~ of C&I, and how they should be localized.

A specific example: Even the word #sustainability is locally and culturally-defined

Here some recommendations in determining suitability of C&I ■■

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## Determining the suitability of C&I

1. Relevance
2. Related logically to the assessment goal
3. Precisely defined
4. Diagnostically specific
5. Easy to detect, record and interpret
6. Reliable
7. Adequate response range to changes in levels of stress on the peatland governance, ecological, economical or social systems
8. Provide a summary or integrative measure over space and/or time
9. Appeal to users

Adapted from Prabhu *et al.* 1999



#HappeningNow: Breakout sessions on C&I attributes in the context of ongoing restoration when degraded #peatlands are rewetted, revegetated and economic activities are revitalized

- Biophysical
- Social
- Economic
- Governance

➡ <https://t.co/HpFJtED9zR>

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MINISTRY OF ENVIRONMENT AND FORESTRY  
REPUBLIC OF INDONESIA



[cifor.org/swamp/exploring-criteria-and-indicators-for-tropical-peatland-restoration](http://cifor.org/swamp/exploring-criteria-and-indicators-for-tropical-peatland-restoration)

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Online Workshop Series

# Exploring criteria and indicators for tropical peatland restoration

**WEDNESDAY**

**2 SEPT 2020**

**01.30 pm (GMT+7)**

**Keynote speaker**



Alse Debeling  
Vice Minister,  
MoEF Republic of Indonesia



Haidir Rased  
Head of Peatland  
Restoration Agency (BRG)

**Welcome and opening remarks**

**Facilitators**



Daniel Hendryanto  
CIFOR



Hartini Kristianawati  
FORCA-HuEF/ITPC



Rupsah Rhomda  
CIFOR

**Speakers**



M.R. Kuslaningsih  
Director General  
PED-C-MoEF



Lena Miles  
UNEP-WOCM



Maria Nordin  
FAO



Budi Wasthuta  
Deputy I BNG  
for Planning & Cooperation



Anwar Ma'ah  
Gadjah Mada  
University



Agustinus Tambakob  
FORCA-HuEF



Sonny Mardiana  
University of Indonesia



Haris Gusman  
Deputy IV BNG  
For Research & Development

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## ■ Overview of biophysical aspects for C&I:

- Peat carbon dynamics for effective restoration
- Peatland hydrological balance (rewetting to restore integrity)
- Peatland fire assessment (reducing vulnerability, enhancing restoration success)

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## ■ Economic aspects:

- Addressing gaps in economic indicators of peatland restoration
- Assessing livelihood development in peat-dependent communities
- Leveraging goods & environmental services benefits of restoration

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## ■ Social aspects: People and communities

- Local institutions and social cohesiveness for safeguarding peatlands
- Mapping social connections and relationships
- Role of private sectors in supporting community initiatives towards protection and restoration

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## ■ The Role of Governance in Restoration

- Local governance to facilitate sustainable peatland management





