

IPEWG Summary Notes

From February – June 2021

Overview: Given the continuing COVID-19 pandemic and prevailing international travel restrictions, members of IPEWG have not been able to meet in person since 2019. The following are key and collated notes Zoom meetings from Feb to Jun 2021. Dates and attendance listed on the last page.

APRIL Operational Updates

- APRIL updated IPEWG members of ongoing stakeholder engagements with communities including Dayun. APRIL also shared adjustments made based on IPEWG recommendations such as shortening the length of planned canals as well as putting on hold plans for fire break canals in the northwest area of Pulau Rupert.

RER Eco-Camp

- **Research governance framework.** IPEWG members encouraged APRIL to draw up a research governance framework to manage potential collaborations and research projects that will use the Eco-Camp as their staging area and/or home base. The framework can include descriptions of what research projects are welcome and in turn be hosted by APRIL/RER, as well as how visiting researchers will collaborate with APRIL's own in-house researchers. IPEWG members also considered APRIL to open its facilities for alternative research topics (ie. Not directly related to APRIL's operations) where huge research gaps exist such understanding fish and/or Odonata taxa in the Kampar Peninsula.
 - **Action Point:** Closed. IPEWG comments integrated to upcoming research hub collaboration.
- **Peatland Science Laboratory.** IPEWG members gave the following valuable feedback on planned peatland science laboratory
 - The lab can provide pre-processing and storage facilities for visiting researchers. There is no need for sophisticated equipment as researchers will process samples at their own individual research labs. Key equipment/facilities should include a storage area, a sink, a freezer, and working tables. Provisions for power/electric sockets and internet connection would be very helpful.
 - APRIL needs to draw up SOPs on how the lab should be used by visiting researchers.
 - **Action Point:** Closed. IPEWG comments integrated to peatland science lab planning and procurement. IPEWG members to visit laboratory during next physical meeting in Kerinci/ECOCAMP. SOP currently in draft and being reviewed.
- **Eco-Camp as venue for future conferences.** IPEWG members congratulated APRIL for building the Eco-Camp and suggested to consider (once pandemic is over) the Eco-Camp as potential venues for various local and international conferences.

CFMF

- APRIL presented its proposed Conservation Forest Management Framework (CFMF) which seeks to map, identify, and propose conservation projects based on a landscape and multi-stakeholder approach. IPEWG members welcome this initiative from APRIL, noting ambitious scope as well as the many challenges and opportunities in seeking to achieve conservation outcomes not just by itself but by working with other stakeholders in a larger area.

Peatland Science Trials and Updates

- APRIL's peatland science team led by Dr Chandu presented ongoing trials and approaches, including
 - GHG flux monitoring
 - GHG calculations
 - Hydrological and lysimeter trials
 - Fluvial carbon exports
- IPEWG members regularly gave feedback as well as asked questions on preliminary results.

Scientific Research Papers

- Dr Chris Evans shared his upcoming subsidence paper which includes implications of water tables on emission factors for Acacia. IPEWG members noted the importance of this paper given renewed interest on emissions from a Scope 3 perspective and the potential of sequestration as a result of keeping conservation and restoration areas intact.
- Dr Sue Page updated on the upcoming fire paper that has received feedback from journal referees with a view to its publication.
- Professor Supiandi presented his research on CO₂ flux from root respiration and the contributing factors of water levels as well as rainfall.

Plan for 2H 2021

- Continue regular monthly meetings via Zoom
- Review of Phase III roadmap
- Plans for in-person meeting between APRIL team and IPEWG members will be in 2022

IPEWG Meeting Dates and Attendance

| | 24 Feb | 23 Mar | 27 Apr | 25 May | 29 Jun |
|-----------|--------|--------|--------|--------|--------|
| Ruth | X | X | X | X | |
| Sue | X | X | X | X | X |
| Chris | X | X | X | X | X |
| Suppiandi | X | X | X | X | X |
| Fahmuddin | X | X | | X | X |
| Dwi | X | X | X | X | X |
| Tim | X | | | X | |
| Craig | X | X | X | X | X |
| Dian | X | | | | |
| Ayi | | | | X | |
| Chandu | | X | | X | X |
| Sofyan | X | | | X | |
| Aldo | X | X | X | X | X |