

13th APBON Workshop
19 October 2021 (Tuesday)

Session 3: Group Reporting and Discussion

Terrestrial & Freshwater (Presented by Group Leader: Dr Yayoi Takeuchi)

Dr Yayoi reported a summary based on presentation from Dr Osamu Ochiai, Dr Shin Nagai, Dr Manabu Onuma and Putrea Solyda entitles; (i) Integrated observation of forests by satellite and in-situ observations, (ii) Cutting edge monitoring technologies and informatics, (iii) Environmental DNA monitoring and (iv) Fish Diversity monitoring at Mekong River respectively.

Each topic shared a very interesting research findings and updates on activities conducted. Issues to be considered for actions are:

- i) To create opportunities for collaboration with JAXA and integrate its facilities into biodiversity monitoring
- ii) To explore social sensing by means of mobile devices
- iii) To incorporate eDNA & NGS for wildlife study
- iv) To continue the monitoring of sustainable fishing and the effectiveness of local laws

The group leader also highlighted matters pertaining to biodiversity monitoring for post-2020 biodiversity and policy-relevant agenda. Three (3) questions were asked

- (i) How can we facilitate the effective monitoring?
- (ii) What can we contribute to regional/global scale analysis?
- (iii) How can we deliver the results to users and policy makers?

For details and report please refer to the group presentation.

Others matters discussed/raised:

- (i) Fundraising opportunities
- (ii) Platform for scientific publications & dissemination of research findings
- (iii) Database sharing
- (iv) Capacity building
- (v) Standard format in gathering, structuring, / publishing data and data analysis
- (vi) Networking

Thank you,

Runi Anak Sylvester Pungga
Co Chairs
20 Oct 2021