

13th APBON Workshop

19 October 2021

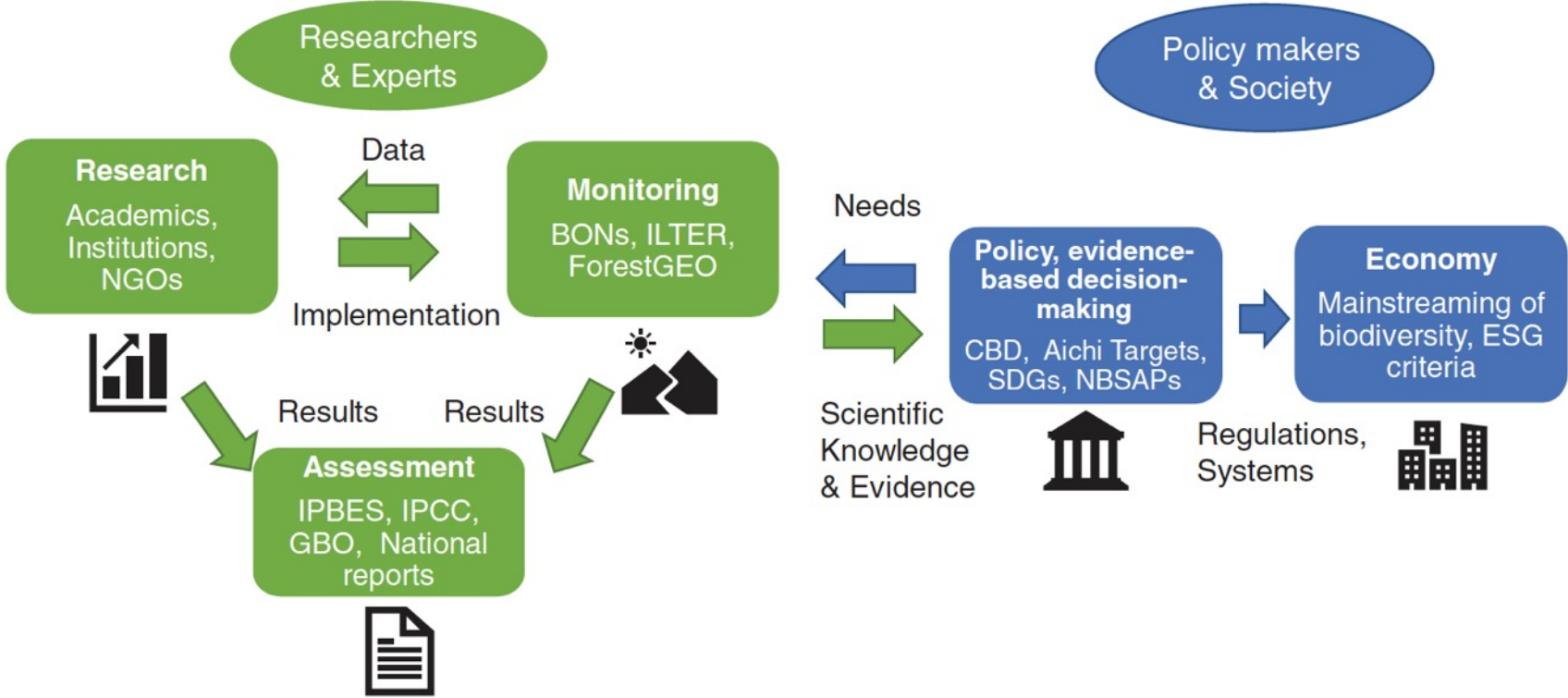
APBON activity plans 2021

January 22, 2021

- ❑ Development of concrete work plan of working groups and entire APBON
 - ❑ Terrestrial Master site concept (collecting candidates) – try to link with LTER, MAB, ...
 - ❑ Freshwater Specimen 3D models
 - ❑ Marine Make progress in AP-MBON; dedicated JSPS project; JST eDNA project; data management; UN Decade of Ocean Science; contribution to MBON
 - ❑ Land-ocean connectivity; Mekong could be an option in the future; landscape approach; Sato-umi approach;
 - ❑ Ecosystem; biological inventories across the region; ‘green-listing methodology’
 - Organize a talk on OCEM in the future webinars of 2021. This is important to sensitize APBON members and contributes to Aichi Target 11, as well as Post-2020 Global Biodiversity Framework.
 - Explore funding resources, cooperation and collaborations for OCEM in the Asia Pacific.
 - ❑ APBON’s contribution to GEO BON, KBA, IPBES and other organizations
 - GEO BON Hiroyuki will communicate for further discussion on interaction
 - KBA Yongyut – KBA Community representative for Asia
 - IPBES Yamakita’s information - new scenario, future projection
 - Others
 - ❑ Participation to 13th AOGEO symposium (March 3 - 5, 2021)
 - APBON co-chairs will prepare for Task group reporting.
 - Inputs are welcome as mentioned previously by Hiroyuki.
 - Your participation to the AOGEO Symposium is encouraged
 - ❑ New APBON book
 - ❑ Next APBON Workshop
 - ❑ Others...
- Collect data/knowledge/information of APBON to connect with global community
- Aichi Target 11,
Capacity building and knowledge for Post 2020 global biodiversity framework
- OECD to be invited to future webinar

The Asia-Pacific Biodiversity Observation Network: 10-year achievements and new strategies to 2030

- ❑ Promoting interdisciplinary research and problem-solving approaches with filling the observational and knowledge gaps,
- ❑ Promoting data sharing and data accessibility through/by networks of the observation networks,
- ❑ Delivering our information and knowledge to stakeholders and global platforms



Objectives of the Workshop

The 13th APBON Workshop will be organized by interactive discussions by bringing ideas from participants for generating plans of integrative collaborations with the clear objectives below.

- A) Scoping collaborative work plan of APBON in the next ca. 4 years (~2025), which is the first half of APBON's strategic plan toward 2030.
- B) Preparing inputs/deliverables to the [14th AOGEO Symposium](#) (10-12 November 2021) for discussing biodiversity-related issues and for scoping 2023-2025 AOGEO Implementation Plan document, and a short presentation at the [GEO Week 2021](#) side event (AOGEO highlights, tbc).

Focus of the Workshop sessions

1. Identifying Integrated knowledge and research/synthesis design (cf., baseline data for detecting change; socio-ecological boundaries; conservation guideline; joint climate-biodiversity targets; ecosystem service analysis; respond to Post-2020 Global Biodiversity Framework)
2. Analyzing data availability and accessibility, and exploring data sharing (through networking)
3. Collaboration with partners (e.g., Key Biodiversity Areas, AOGEO)
4. Engagement with stakeholders (→ contribution of APBON to society: e.g., contribution to National Biodiversity Strategies and Action Plans (CBD), IPBES assessments, etc.)

The 13th APBON Workshop

Date/Time: 19th October 2021, 11:00 – 16:30 JST (tbd)

Objectives:

- ❑ Scoping collaborative work plan of APBON in the next ca. 4 years (~2025), which is the first half of APBON’s strategic plan toward 2030.
- ❑ Preparing inputs/deliverables to the 14th AOGEO Symposium (10-12 November 2021) for discussing biodiversity-related issues and for scoping 2023-2025 AOGEO Implementation Plan document, and a short presentation at the GEO Week 2021 side event (AOGEO highlight).

11:00 – 11:30 (JST)	Session 1: Scene setting [30 minutes]	
	<ul style="list-style-type: none"> • Opening remarks • Objectives, expected outcomes, working hypothesis 	
11:30 – 13:30 (JST)	Session 2: Breakout group session [2 hours]	
	<ul style="list-style-type: none"> • Identifying knowledge to respond to national, regional, and global needs (e.g., national reporting to CBD; NbS; joint climate-biodiversity targets; post2020; 30by30) • Brainstorming design of collaborative research and synthesis (e.g., refining EBVs for Asia-Pacific; etc.) • Analyzing data availability and accessibility • Next steps 	
	Terrestrial WG and Freshwater WG	Marine WG
13:30 – 14:30 (JST)	Break	

14:30 – 15:30 (JST)	Session 3: Group reporting and joint discussion [1 hour]	
	<ul style="list-style-type: none"> • Reporting group discussion findings & outcomes • Discussion/planning joint-WG research (e.g., landscape approach: land-river-coast) 	
15:30 – 16:45 (JST)	Session 4: Collaboration with partners and plans for stakeholder engagement [45 minutes]	
	<ul style="list-style-type: none"> • Collaboration plan with Key Biodiversity Areas (KBA) • Collaborating with Task Groups of Asia-Oceania GEO for nexus study, filling data gaps, etc. • OECM (to be planned for a future web seminar) 	
16:45 – 17:00 (JST)	Wrap-up and closing [15 minutes]	
	<ul style="list-style-type: none"> • Summary • Next steps 	

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Venue: Online

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collaboration

The 14th Asia-Oceania GEO Symposium

Date/Time: 10 – 12th November 2021, 12:00 – 16:00 JST

Venue: Online

Theme: Envisioning AOGEO in 2022 and beyond

Side event at “GEO Week 2021”

Date/Time: 25th November 2021, 10:00 – 10:50 CET (tbc)

Venue: Online

Theme: Envisioning AOGEO in 2022 and beyond



Deliver short presentation and ideas for regional cooperation

Deliver Task Group report and input to AOGEO

The 14th Asia-Oceania GEO Symposium

Date/Time: 10 – 12th November 2021, 12:00 – 16:00 JST

Theme: Envisioning AOGEO in 2022 and beyond

	9-Nov Tuesday	DAY 1 Wednesday Nov 10	DAY2 Thursday Nov 11	DAY3 Friday Nov 12
12:00		Welcome remarks Scene settings	TGs activities status report & next implementation plan for 2023-2025 TG1-TG9 ★	Special Session 2: Earth observation for Pacific islands (tentative)
12:30		Country reports	10 min reporting	
13:00				
13:30		2023-2025 GEO work programme: Guidance for development of implementation plans		Break
14:00	CB Meeting	Break	Break	Special Session 3: Earth observation for Climate change
14:30		Special Session 1: Biodiversity for addressing climate change & disaster risk reduction	TGs activities status report & next implementation plan for 2023-2025 TG10-12	
15:00			IPS activities status report & next implementation plan for 2023-2025	
15:30			TG cross cutting discussion session ★	Closing Session
16:00			Statement meeting ★	
16:30				
17:00				

Text from APBON

- Achievements in the last few years (6-7 lines)
- Way forward toward 2022 and beyond (6-7 lines)

Please send me 1-2 sentences from each WG, then Co-chairs will consolidate them and deliver to AOGEO

Special Session 1 Concept

Day 1 (November 10)

14:30 – 16:00 Special Session 1: Biodiversity for addressing climate change & disaster risk reduction

Asia-Oceania region contains high biodiversity which provides various ecosystem services including natural resources, environmental regulations, and cultures, but they are susceptible to drastic climate change and human impacts. This session focuses on learning the challenges in biodiversity issues under climate and societal changes, and identifying needs of biodiversity and ecosystem observations, requirements to data and knowledge, and stakeholder engagement to address climate change issues and ecosystem-based disaster risk reduction by focusing on sustainability of biodiversity and ecosystems, namely Nature-based Solutions. The findings will be delivered to further planning in cooperative activities in the region as well as with GEO Work Programme.

Session Co-chairs:

Dr. Hiroyuki Muraoka (APBON Co-chair; Gifu University; National Institute for Environmental Studies; MEXT Japan)

Dr. Runi Sylvester Pungga (APBON Co-chair; Forest Department Sarawak, Malaysia)

14:30 Introduction (3min)

14:35 Keynote presentation (25 min, incl. Q&A):

- Dr. Hiroya Yamano (Director, Division of Biodiversity, National Institute for Environmental Studies, Japan)

15:00 Challenges, needs and opportunities (12 min for each):

- From Pacific islands and countries (Secretariat of the Pacific Regional Environment Programme)
- From Asia-Pacific Biodiversity Observation Network (Dr. Alice C. Hughes, Xishuangbanna Tropical Botanical Garden, CAS)
- From GEO BON (Dr. Petteri Vihervaara, Finnish Environment Institute (SYKE))

15:37 Discussion (20 min)

15:57 Session wrap-up

(Japan standard time)

Guiding questions:

1. What is the required data/knowledge for biodiversity conservation, addressing climate change, and realizing sustainable society and health?
2. What are the observational gaps and technological challenges in biodiversity issues?
3. How do we want to cooperate to advance biodiversity observations and ecosystem service evaluation for risk assessment, biodiversity/ecosystem conservation and Nature-based Solutions?
4. What do we expect AOGEO as a platform for addressing challenges, collaborative studies, and engagement of stakeholders?