



APBON

Asia Pacific Biodiversity
Observation Network



For biodiversity conservation
& sound decision making

APBON

**Asia-Pacific Biodiversity
Observation Network**

Biodiversity observation networks in the Asia-Pacific region

The Asia-Pacific Biodiversity Observation Network (APBON) is a network of institutions and research groups in the AP region. APBON contributes to and utilizes a knowledge resource base for decision making and policy making for the conservation of biodiversity and ecosystems. APBON was launched in 2009, in response to the establishment of the Biodiversity Observation Network under the Group on Earth Observations in 2008. APBON is closely collaborating with Asia-Oceania GEO.

Asia-Pacific Marine BON (AP-MBON) furthers the development of marine biodiversity science in the Asia-Pacific region, as a sub-group of the MBON and Asia-Pacific BON networks of GEO BON.

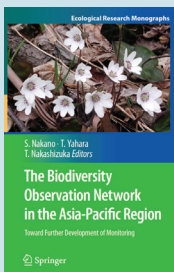
APBON's approaches for biodiversity monitoring involve three levels: remote sensing, ecological process research, and species/genetic research. APBON tries to link the outcomes of each level of observation with an aim to contribute to policy making for the conservation of biodiversity.

APBON develops activities based on three pillars below

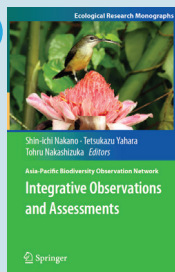
1. Research, monitoring and assessment of biodiversity
 - Monitoring status and changes of biodiversity and ecosystem functions
 - Filling observation and knowledge gaps – capacity development of field survey, utilization of UAV and satellite observations, application of cutting-edge technology, etc.
 - Improvement of accessibility to data and knowledge information platform – GBIF etc.
 - Contributions to assessment, society and policy - IPBES, KM-GBF and SDGs
2. Promotion of collaboration and support
 - Launch of National BONs
 - Collaboration of biodiversity and ecosystem networks
 - Collaboration of science and policies, collaboration of science and societies
3. Capacity building and dissemination
 - Cultivation of students, young researchers, and data and knowledge users
 - Dissemination to local communities

APBON's Key Publications

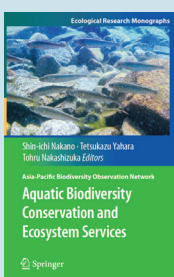
1



2



3



4



APBON books

- 1 The Biodiversity Observation Network in the Asia-Pacific Region: Toward Further Development of Monitoring. (eds.) S. Nakano *et al.* (2012), *Ecological Research Monographs*, Springer
- 2 Asia-Pacific Biodiversity Observation Network: Integrative Observations and Assessments. (eds.) S. Nakano *et al.* (2014), *Ecological Research Monographs*, Springer
- 3 Asia-Pacific Biodiversity Observation Network: Aquatic Biodiversity Conservation and Ecosystem Services. (eds.) S. Nakano *et al.* (2016) *Ecological Research Monographs*, Springer

APBON Strategy Paper

- 4 The Asia-Pacific Biodiversity Observation Network: 10-year achievements and new strategies to 2030. Takeuchi *et al.* (2021). *Ecological Research* 36: 232-257
<https://doi.org/10.1111/1440-1703.12212>

Development of APBON

2008 Apr. GEO BON Launch Meeting, Potsdam

2010 Feb. GEO BON Implementation Plan Meeting, Asilomar, California

Mar. 4th GEOSS-AP Symposium, Bali

Oct. APBON side event, CBD COP10, Nagoya

2012 Apr. 5th GEOSS-AP Symposium, Tokyo

Sep. APBON side event, WCC, Jeju

Oct. APBON side event, CBD COP11, Hyderabad

2013 Feb. 6th GEOSS-AP Symposium, Ahmedabad

2014 May. 7th GEOSS-AP Symposium, Tokyo

Oct. 3rd APBON side event, CBD COP12, PyeongChang

2015 Sep. 8th GEOSS-AP Symposium, Beijing

2017 Jan. 9th GEOSS-AP Symposium, Tokyo

Sep. 10th GEOSS-AP Symposium, Hanoi

2018 Oct. 11th GEOSS-AP Symposium, Kyoto

2019 Nov. 12th AOGEO Symposium 2019, Canberra

2021 Mar. 13th AOGEO Symposium, Online

Nov. 14th AOGEO Symposium, Online

2021 Sep. 15th AOGEO Symposium, Hybrid

2009 Jul. 1st APBON Workshop, Nagoya

Dec. 2nd APBON Workshop, Tokyo

2010 Mar. 3rd APBON Workshop, Nagoya

Oct. 1st APBON Steering Committee, Nagoya

2011 Dec. 4th APBON Workshop & Science Symposium, Tokyo

2012 Sep. 2nd APBON Steering Committee, Jeju

2013 Nov. 5th APBON Workshop, Los Banos

2014 Oct. 6th APBON Workshop, Incheon

2016 Feb. 7th APBON Workshop, Bangkok

Sep. 8th APBON Workshop, Taipei

2018 Feb. 9th APBON Workshop, Bangkok

Jul. 10th APBON Workshop, Kuching

2019 Jun. 11th APBON Workshop, Kuala Lumpur

2021 Jan. 12th APBON Workshop, Online.

Oct. 13th APBON Workshop, Online.

2023 Feb. 14th APBON Workshop, Fukuoka

2024 Feb. 15th APBON Workshop, Tokyo

Sep. 16th AOGEO Symposium, Tokyo

2025 Jan. 16th APBON Workshop, Los Banos

*Webseminars have been held online since 2020. Please visit our website for details.

APBON

Management Committee

3 co-chairs

- Hiroyuki Muraoka, Japan
- Yongyut Trisurat, Thailand
- Runi Sylvester Punga, Malaysia

13 board members

From Cambodia, China, Japan, Indonesia, Nepal, ASEAN, ICIMOD

Secretariat

Biodiversity Center of Japan
Ministry of the Environment, Japan



Working Groups

Terrestrial | Marine | Freshwater

AP MBON

Secretariat
JAMSTEC
国立海洋研究開発機構
Japan Agency for Marine Earth Science and Technology

Collaborating Networks and Institutions

JBON
日本生物多様性観測ネットワーク
Japan Biodiversity Observation Network

National Institute for Environmental Studies, Japan

KBON
Korea Biodiversity Observation Network

Ministry of Environment
National Institute of Biological Resources

SinoBON
Chinese Academy of Sciences

ASEAN CENTRE for BIODIVERSITY

ChinaBON
Nanjing Institute of Environmental Sciences, China



NepalBON

Collaborating Partners

AOGEO

GEO BON

ITER-EAP



KBA
Key Biodiversity Areas

ICIMOD

As of January 2022



APBON website

<http://www.esabii.biodic.go.jp/ap-bon/index.html>



AP-MBON website

<https://members.geobon.org/pages/ap-mbon.php>

Secretariat of APBON

Biodiversity Center of Japan, Nature Conservation Bureau, Ministry of the Environment
5597-1, Kenmarubi, Kamiyoshida, Fujiyoshida City, Yamanashi Prefecture 403-0005
E-mail: webmaster@biodic.go.jp | Tel: +81-555-72-6031 | FAX: +81-555-72-6035

Published in March 2025