ACB Data Partnerships

Presented by Sheila G. Vergara
WG2: Asia Pacific Biodiversity Observation Network (APBON),
Session 4. Building / Connecting databases
Data and Knowledge sharing with and
delivering to the communities

Outline

- ACB's role in the ASEAN Region
- ACB's Biodiversity Data Communities
- ACB's Data & Information Management Partnerships
- ACB and GBIF
  - Collaboration
  - Project implementation
- Partnership outcomes

ACB's role in the ASEAN Region

- Facilitates cooperation and coordination among the members of the ASEAN, and

- With relevant national governments, regional and international organizations, on the conservation and sustainable use of biological diversity and the fair and equitable sharing of benefits arising from the use of such biodiversity in the ASEAN region

ACB's role in the ASEAN Region

- Enhance the region's digital biodiversity knowledge capacity by establishing links to networks of knowledge holders

- Assist AMS in fulfilling national, regional and international commitments and reporting to biodiversity related conventions
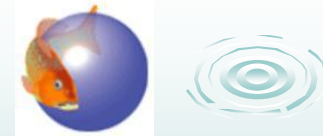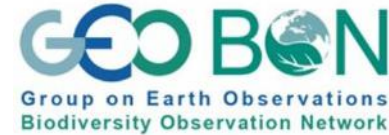
ACB's Biodiversity Data Communities

- Clearing House Mechanism
  - Managers
  - Contributors
    - Academe
    - Government
    - NGOs
- Protected Areas
  - Managers
  - Stakeholders
- Policy Makers
- Media

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ACB's Data & Information Management Partnerships

- CBD
- IUCN
- UNEP WCMC
- ABCDNet
- OBIS
- APBON / GEOBON
- GBIF
- Birdlife International
- FishBase
- NatureServe

ACB and GBIF

- **Asian Nodes Regional Workshop of the GBIF, Ivy Hall, Aoyama, Tokyo, March 1 –2 , 2012**
  - **ACB as Asia Node representative 2012 – 2014**
  - **Identified gaps in GBIF representation in Asia, means to move forward through better understanding of GBIF, incentive for data mobilization, increased data use, strengthen regional nodes**

- **Third Regional Meeting of the GBIF Participant Nodes in Asia was held on 28 – 30 June 2012, in Taipei, Taiwan.**
  - **Asia Regional Plan of Action**
    - **Making species checklists at national level, including invasive, Red List, endemic species and migratory birds; and**
    - **Updating fish databases to assess fish biodiversity loss and risk in Asia.**

ACB and GBIF

- **Workshop on integrated Red List/Invasive Species List / Check List in East Asia, National Museum of Nature and Science, Tsukuba, Ibaraki, Japan, 12 – 13 March, 2013**
  - **Promote understanding of the importance of the Red List (RL), Invasive Species List (IL) and Check List (CL)**
  - **Survey current status of RL/IL/CL in East Asia**
  - **Determine strategy for integration of RL/IL/CL in East Asia**
  - **Data collected from ASEAN countries can be a) published through ACB's IPT, b) set up an IPT for each country, and c) each country to be assisted to publish a RedList and IAS for their country.**

ACB and GBIF

- 7th GBIF Asia Nodes Meeting
28 – 30 June 2016, Tagaytay, Philippines B2B with GBIF Philippines Training

  - Asia Nodes to update the team on work progress related to the Asia Regional Strategy,
  - the status of implementation of Biodiversity Information Fund for Asia (BIFA) projects, and
  - vote on the next set of Asia representatives

- 2016 GBIF Asia Biodiversity Informatics Workshop, Biodiversity Research Center, Academia Sinica, Nankang, Taipei, Taiwan

  - promote biodiversity open data and the development of biodiversity informatics in Asia

ACB and GBIF

**Mobilizing biodiversity data from
ASEAN Protected Areas
Funded through the Biodiversity Information Fund
for Asia in the amount of Euro 35,595**

- to facilitate the organization of species data from ASEAN Heritage Parks (AHPs) into globally accepted formats

- expose ASEAN Park Managers and staff of on the use of camera traps and the processing of information gathered from this method

- orient ASEAN Park Managers and staff on the publication of species information with the use of species encoding and publication tools developed by ACB and GBIF

Hands on data encoding, harvesting, processing & mapping

Camera Trap Deployment at Mt. Makiling Forest Reserve

Processing data from images collected

Biodiversity Information Management Unit
Hosting *Integrated Publishing Toolkit ver.2.0.3*

ASEAN Centre for Biodiversity : Biodiversity Information Management Unit

Technical Installation

Hosting IPT / BIM server

Technical Contact

Publishes

AMS Datasets

ZIP DwC-A   SQL DB   dwca-res5

Orientation workshop on Mobilizing Biodiversity Data from ASEAN Protected Areas

24 AHP Managers/ Technical Staff, **18** AHPs, **8** AMS, **4** Partner Experts Taiwan & Norway, **7** ACB Staff

Future Needs Identified

Needs	Activities
Capacity Building	Database management
	Camera trap orientation
	Mapping
	Database / Technical Officers
	Training for data partners
Funds	To conduct surveys
	Procurement of equipment
	Internet access
Commitments	Willingness to share data in open source

Next Steps

- **Increase coverage of training to the rest of the AHPs**
- **Involve other data partners at the National Level**
  - **Museums**
  - **Other departments / ministries**
  - **LGUs**
  - **NGOs (local and International)**
- **Potential Outputs / Products**
  - **Management plan**
  - **Increase in tourism / park visitors**
  - **GIS data**
  - **Improve education on Parks / PAs**
  - **Improve conservation**

Data Publication through GBIF's Integrated Publishing Toolkit

Partnership Outcomes

Engaging ACB in partnerships

- Formal, through agreements, eg. Memorandums of Cooperation

- Informally through parallel work programs and

- Data sharing

Thank You!