

Biodiversity Information Sharing Service
(ASEAN Clearing House Mechanism)

CHM

Site search...

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ASEAN BIODIVERSITY OUTLOOK 2

ASEAN Biodiversity Outlook 2

The ASEAN Biodiversity Outlook (ABO) is the flagship publication of the ASEAN Centre for Bio...

AMS CHM Websites

- ▶ Brunei Darussalam
- ▶ Cambodia
- ▶ Lao PDR
- ▶ Indonesia
- ▶ Malaysia
- ▶ Myanmar
- ▶ Philippines
- ▶ Singapore
- ▶ Thailand
- ▶ Viet Nam

NatureServe Global Dashboard

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Step 1 Select indicator

Pressure

- Human Footprint
- Dams, mines, and hydrocarbon wells

Forest cover

Annual Loss of Forest Cover (2000-2014)

- 0% - 0.5%
- 0.6% - 1%
- 1.7% - 5%
- 5.1% - 10%
- 10.1% - 40%

FAO Forest cover

- Forest cover (Government reported)
- Intact Forest Landscape Cover
- FAO Mangrove cover
- Mangrove cover (Government reported)

Click map for trends. Reset



Dashboard:

Intuitive data visualization to quickly convey essential information



Analysis, **visualization**, and **communication** of datasets on biodiversity status and trends



Pressure

Human Footprint
Forest cover
FAO Forest cover
FAO Mangrove cover
Fire occurrence
Forest cover (govt reported)
Dams, mines, & hydrocarbon wells
Agricultural expansion
Future dams

Context

Protection of land areas
Protection of marine areas
Number of species by taxa
Habitat diversity
GDP per capita
CO₂ emissions per capita

Test: 34 Indicators

State

Landscape condition
Clean Waters Score
Ocean Health Index
Biodiversity Habitat Index
Red List Index
National Red List Index
Red List Index for exploited species
Biodiversity Importance Index
Genetic diversity of livestock
River dolphin population size

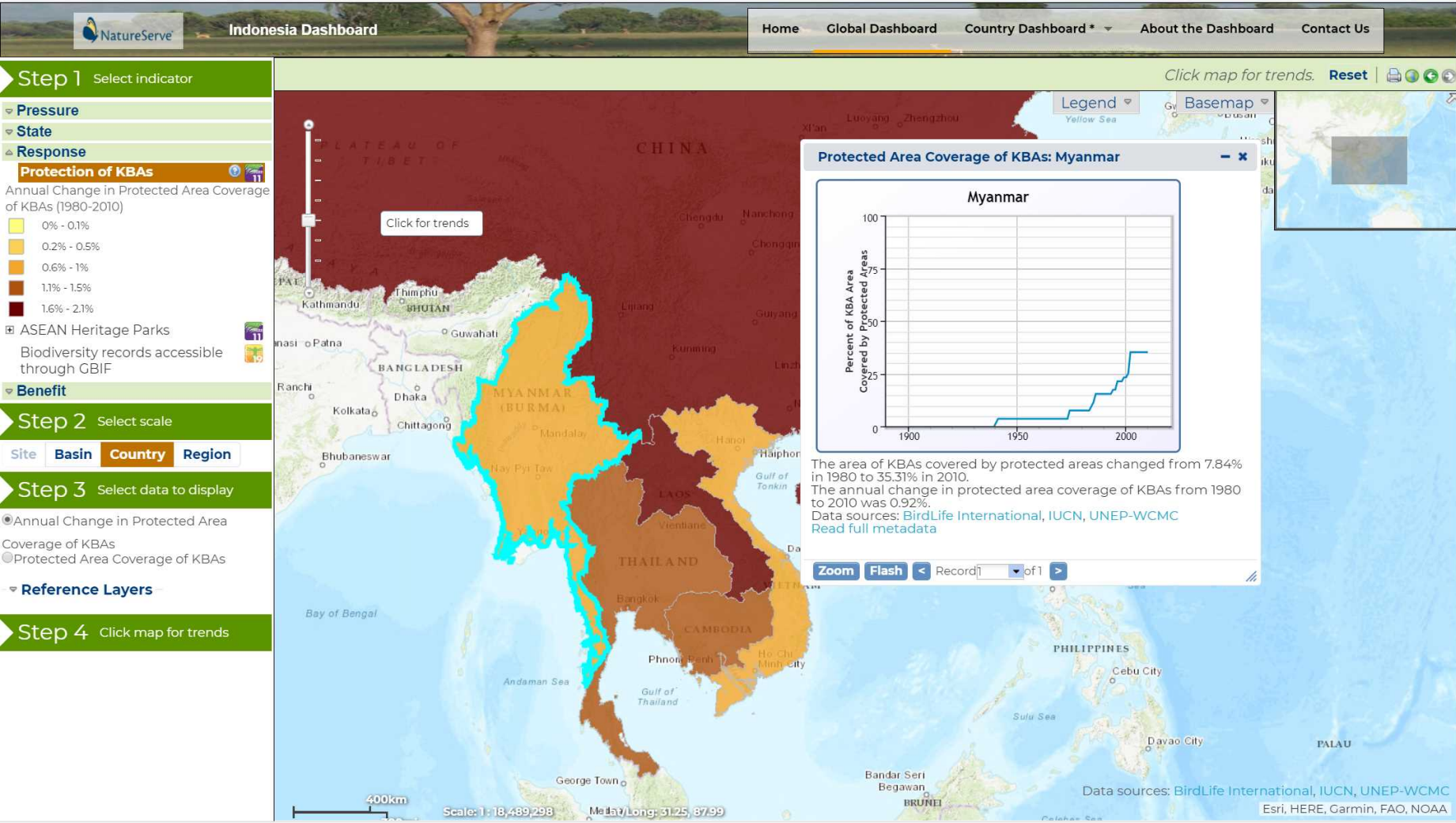
Response

Biodiversity records accessible thr.
GBIF
Protected Area Representativeness Index
Protected Area Connectedness Index
Protection of KBAs
ASEAN Heritage Parks
Conservation Investment

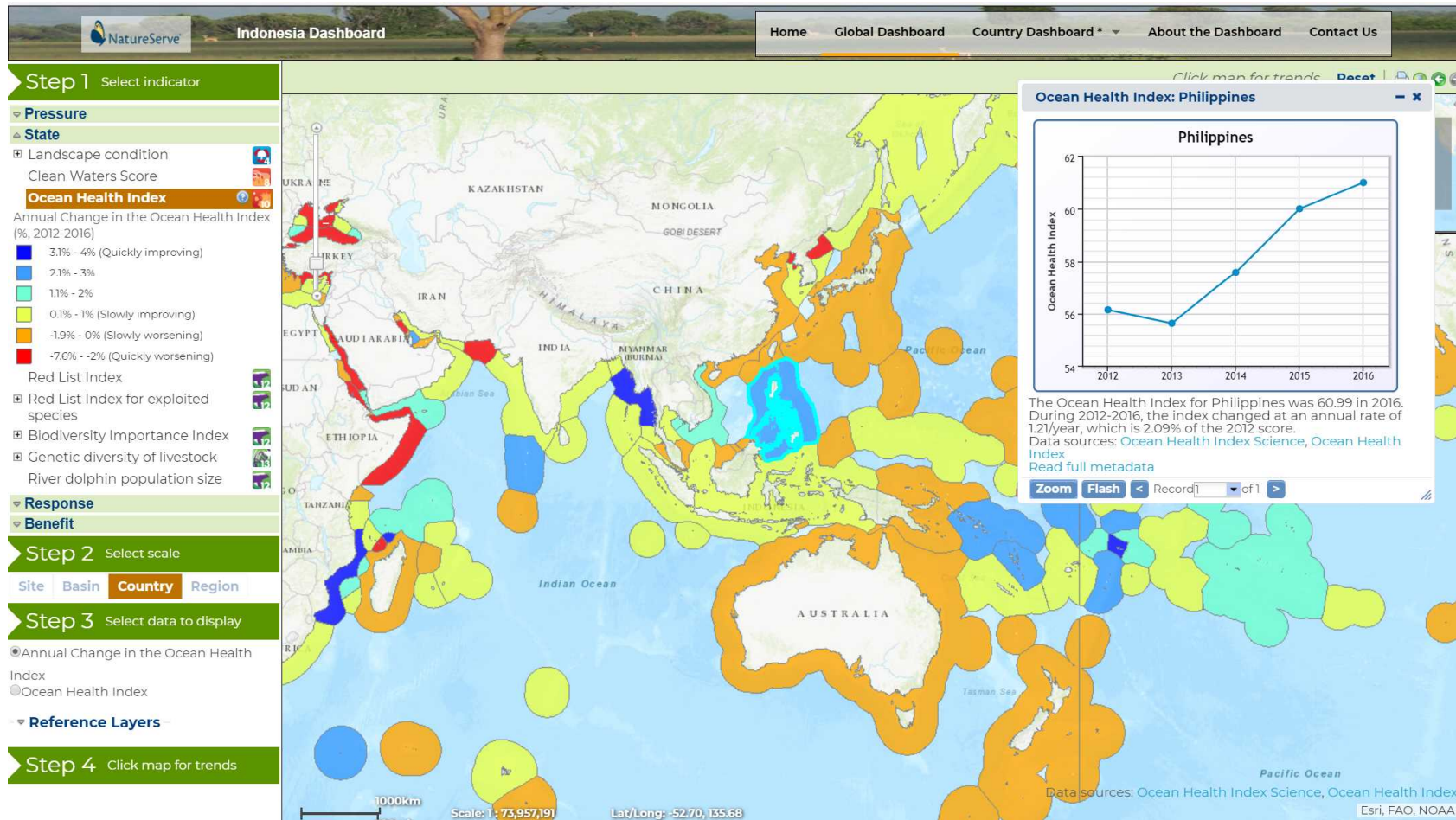
Benefit

Carbon sequestration
Freshwater provision
Community forestry & fishery

Protected Area Coverage of KBAs



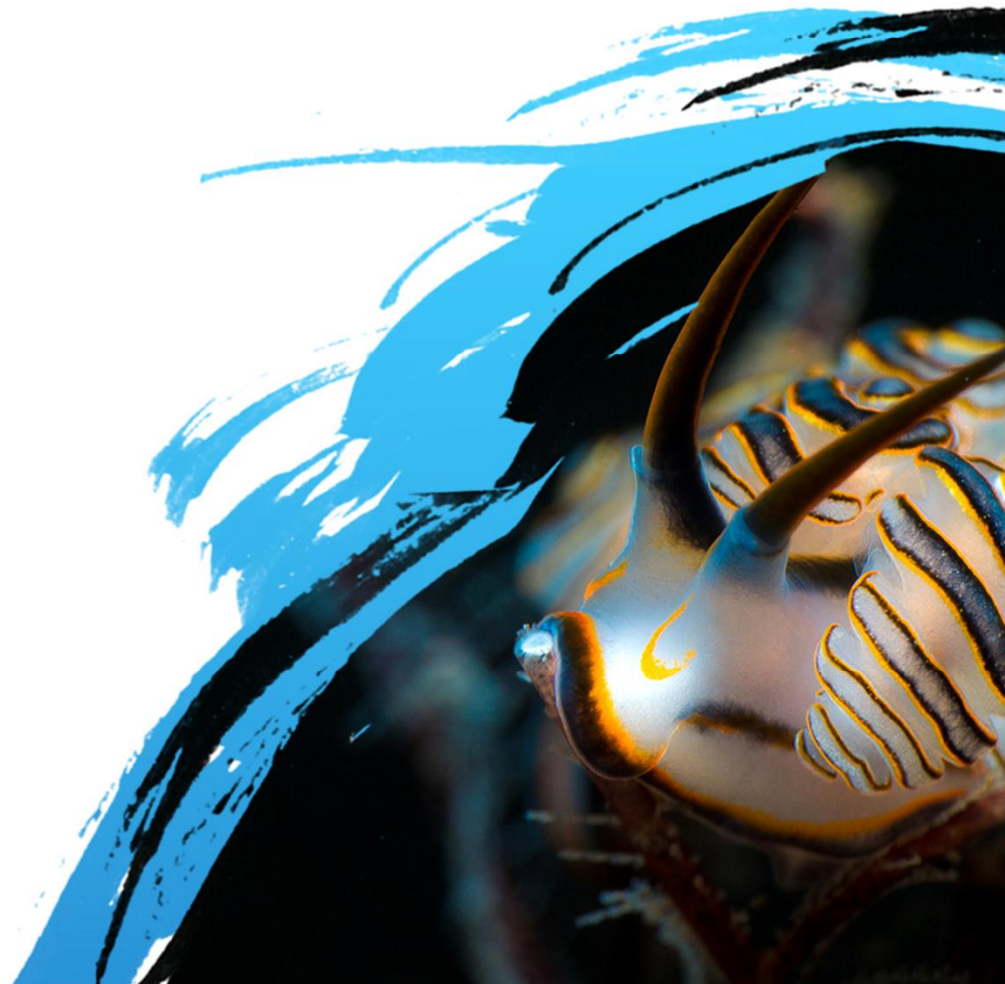
Marine Indicators



-- Indicator from Ocean Health Index Science

Opportunity for Supporting ASEAN Countries' CHMs:

- Visualize national data on country Dashboards as a component of Bioland
- Use global data or newly-developed indicators to fill gaps where appropriate
 - Pressure indicators (few appear in NBSAPs)
 - Trends in state indicators
 - Can show spatial variation within a country



Providing visualization in Bioland

The screenshot displays the 'Viet Nam Biodiversity' website interface. At the top, there is a navigation bar with 'Manage' and 'Xuemai_Han@naturereserve.org' on the left, and 'Edit' on the right. Below this is a secondary navigation bar with 'Content', 'Structure', 'Configuration', and 'Help'. A language selection bar includes 'English', 'Français', 'Español', 'Русский', 'العربية', and '简体中文', along with 'My account' and 'Log out'. The main header features the Vietnamese flag, the title 'Viet Nam Biodiversity', and the subtitle 'National Clearing-House Mechanism Demonstration Website'. A search bar is located on the right. A green navigation menu contains 'HOME', 'ABOUT US', 'BIODIVERSITY', 'IMPLEMENTATION', 'INFORMATION', and 'VISUALIZATION'. The 'VISUALIZATION' section is active, showing a map of Vietnam with mangrove cover indicated by red shading. An inset map shows the location of Vietnam in Southeast Asia. A legend for the map includes 'Legend', 'Basemap', and 'Click for trends'. A line graph titled 'Mangrove Cover (Government reported): Vietnam' shows a decline from 2691.5 km² in 1980 to 1570 km² in 2005. A legend on the right shows the color scale for mangrove cover percentages: 0% (lightest), 0.36%, 0.61%, 1.1%, and 2.13% (darkest red).

Mangrove cover (Government reported)

Annual Loss of Mangrove Cover (1980-2005)

Color	Percentage
Lightest	0%
Light	0.36%
Medium-Light	0.61%
Medium-Dark	1.1%
Darkest	2.13%

Mangrove Cover (Government reported): Vietnam

Vietnam

Mangrove Area

3,000

2,500

2,000

1,500

1980 1990 2000

In 1980, 2691.5 km² of the country was covered by mangrove. In 2005, 1570 km² of the country was covered by mangrove. The annual loss of mangrove cover from 1980 to 2005 was 2.13%.
Data sources: Asean Centre For Biodiversity
Read full metadata

Zoom Flash Record of 1

Data sources: Asean Centre For Biodiversity
Esri, HERE, Garmin, FAO, NOAA, USGS

Providing visualization in Bioland in the ASEAN CHM

Secure | <https://test-acb.chm-cbd.net/links/biodiversity-indicators-dashboard>

Manage | [Xuemei_Han@naturereserve.org](#) | Edit

Content | Structure | Configuration | Help

English | Français | Español | Русский | العربية | 简体中文 | My account | Log out

ACB Biodiversity
National Clearing-House Mechanism Demonstration Website

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Greater Mekong : Thailand

Red List Index for exploited species

Greater Mekong

Annual Change - All Species (x0.001, 1988-2008)

- 4.37 (Quick increase of extinction risk)
- 3.20
- 3.13
- 2.75
- 2.74
- 2.41 (Slow increase of extinction risk)

Thailand

Red List Index for exploited species

1980 2000


All Species Amphibians Birds Mammals

The Red List Index for all species in 2008 was 0.60.
 The Red List Index for amphibians in 2004 was 0.63.
 The Red List Index for birds in 2008 was 0.70.
 The Red List Index for mammals in 2008 was 0.54.
 The annual change of the Red List Index for all species from 1988 to 2008 was -2.75×0.001 .
 The annual change of the Red List Index for amphibians from 1980 to 2004 was -1.29×0.001 .
 The annual change of the Red List Index for birds from 1988 to 2008 was -2.15×0.001 .
 The annual change of the Red List Index for mammals from 1996 to 2008 was -4.80×0.001 .

Data sources:
[IUCN, IUCN Species Survival Commission, Centre d'Ecologie Fonctionnelle et Evolutive](#)
[Read full metadata](#)

Social Media


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Thailand

Protected Area 📍

Select a Country ▼



Explore More Country Indicators



Convention on Biological Diversity

Visit Country Profile

LAND AREA

Category	Value
Total	517,787 km ²
Protected	18.81%
Global Average	15.40%
Asia Average	12.26%

AICHI Target 17%

IUCN and UNEP-WCMC

MARINE AREA

Category	Value
Total	306,891 km ²
Protected	1.88%
Global Average	8.40%
Asia Average	4.57%

AICHI Target 10%

IUCN and UNEP-WCMC

Biodiversity 📍

CORALS



IUCN Red List

BIRDS



IUCN Red List

MAMMALS



IUCN Red List

AMPHIBIANS

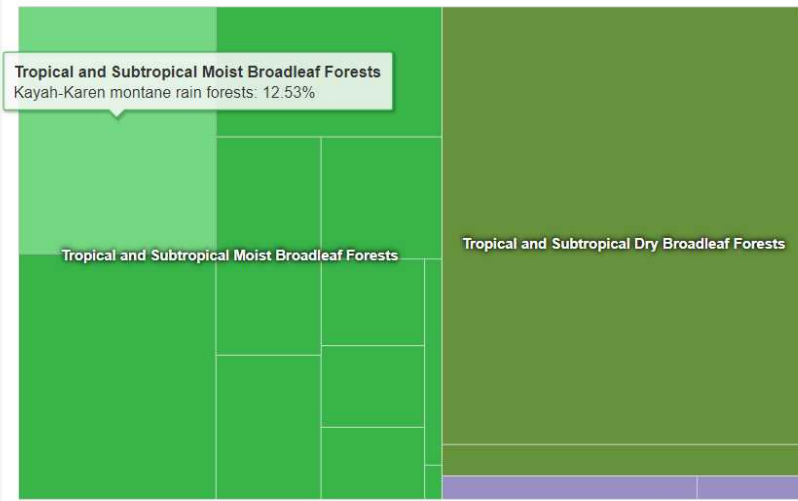


IUCN Red List

<http://dashboard.natureserve.org/country/th>

<http://dashboard.natureserve.org/country/th>

Habitat Diversity



Kayah-Karen montane rain forests: 12.53%

Click [here](#) to view a description of this habitat from World Wildlife Fund (WWF).



HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors
NatureServe IVC, WWF Ecoregions

Trends

GDP PER CAPITA

Thailand \$5,977.40 Asia \$8,909.79



CO2 EMISSIONS PER CAPITA

Thailand 3.91 tonnes Asia 4.46 tonnes



Mobile Friendly Service for Policy Makers and other Stakeholders

