

SIDE WORKSHOP
**Contributions of UNESCO Chairs and Category 2 Centers to
the Management of Biosphere Reserves**

***Success Stories on Conservation for Sustainable
Development in Southeast Asia***

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Sustainable Development in Southeast Asia

The 2014/2015 Asia-Pacific Regional MDGs Report names Southeast Asia as the “most successful subregion”, e.g.

- Extreme poverty reduction
- Access to safe drinking water

BUT

Significant gaps remain:

- Inequalities at the subnational are rising
- Maternal mortality
- Underweight children
- ...





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The Southeast Asia Biosphere Reserves Network (SeaBRnet)

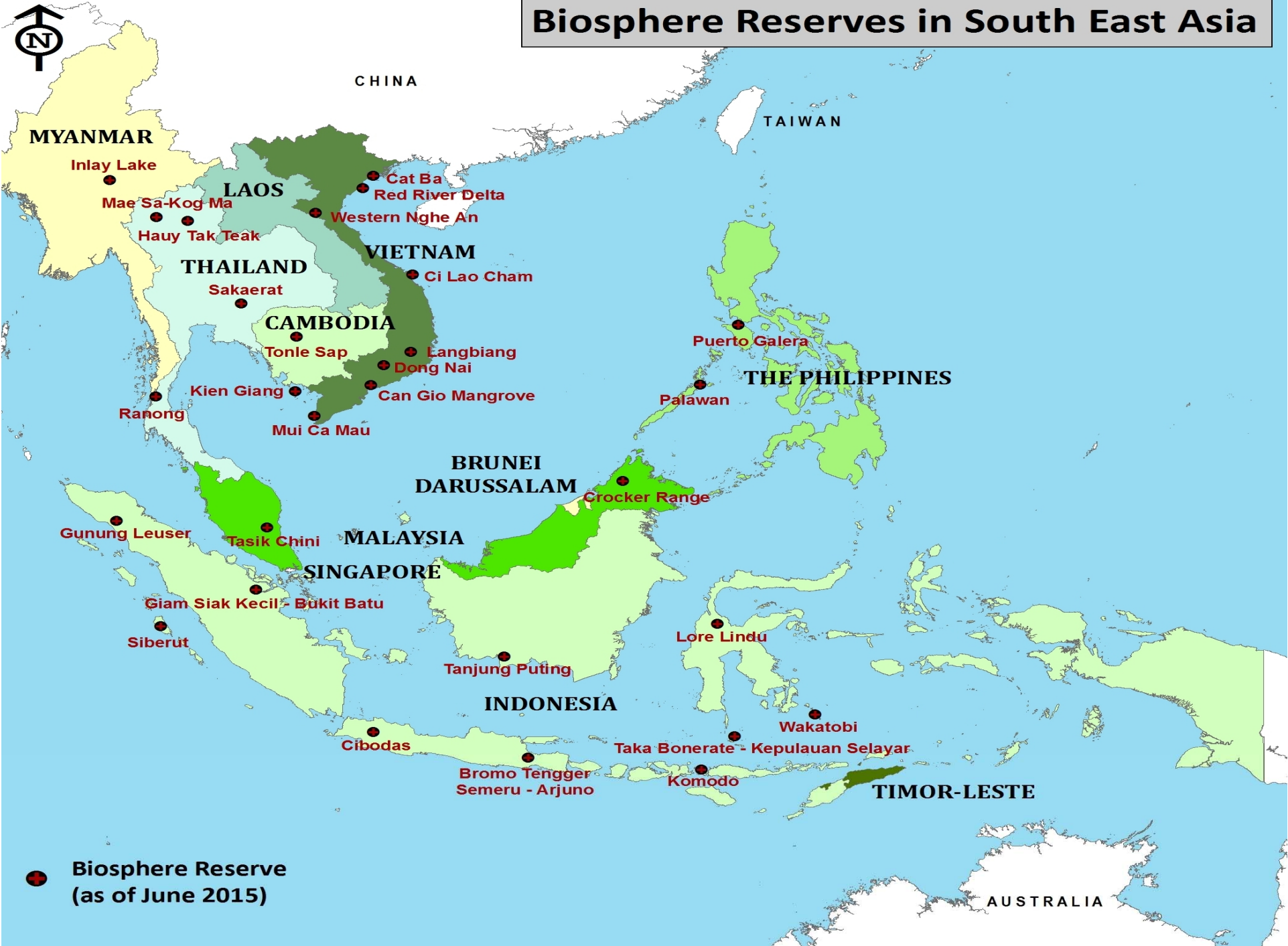
- Initiated in 1998, supported by the Govt. of Japan
- Comprises 29 BRs (June 2015) in Cambodia, Indonesia, Malaysia, Myanmar, Philippines, Thailand and Vietnam
- Objective: to foster cooperation on various scientific, ecosystem and biosphere reserve management related issues for sustainable development:
 - Climate change
 - Green economy
 - Partnerships
 - Ecotourism
 - Sustainability
 - Communication and visibility



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Water and Environmental Sciences Programme - UNESCO Office, Jakarta

Biosphere Reserves in South East Asia



Success Stories for Sustainable Development

1. Strengthening the role of Ecological Sciences and promoting **Biosphere Reserves**

- In 27 ICC-MAB, 2015

1 new BR in Myanmar: Inlay Lake

2 new BR in Indonesia: Bromo Tengger Semeru-
Arjuno and Taka Bonerate-Kepulauan Selayar

- **BREES: Biosphere Reserves for Environmental and Economic Security – A climate change and poverty alleviation programme**

- And more are coming...



Success Stories for Sustainable Development

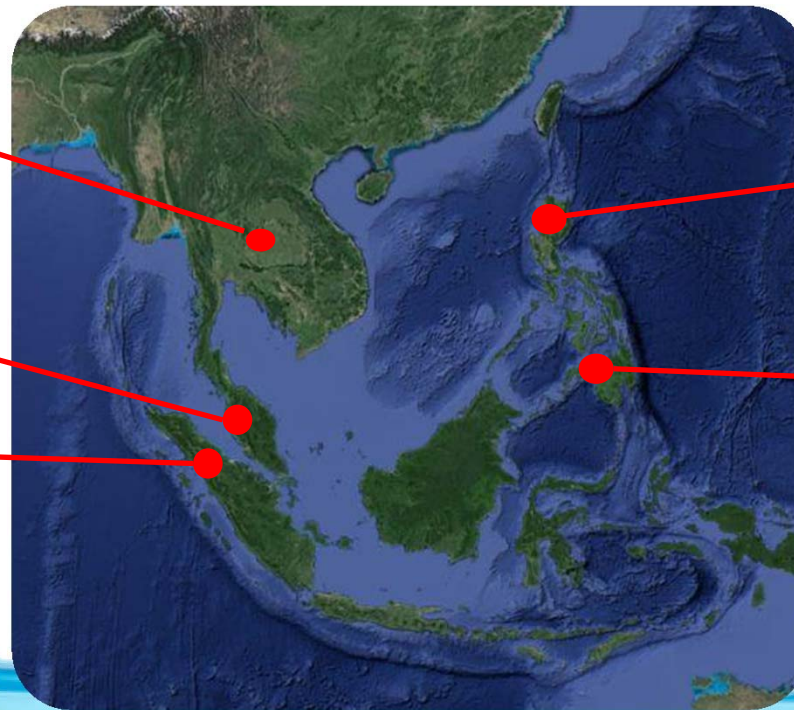
2. Implementing **Sustainability Science** through demonstration pilot projects:

Design holistic sustainable solutions by using the social and natural sciences to address sustainable development challenges

Angkor WH &
Tonle Sap BR,
Siem Reap,
Cambodia (*)

Langat River,
Malaysia

Tropical Rainforest
Heritage of Sumatra,
Indonesia (*)



Rice Terraces of
the Philippines
Cordilleras

Mindanao,
Philippines

(*) MAB-WH related projects

Success Stories for Sustainable Development

3. Protecting **Natural World Heritage Sites**

→ Links with MAB Programme

Tropical Rainforest Heritage of Sumatra, Indonesia

- 3 National Parks, including 1 BR (Gunung Leuser), 2.5M ha of protected areas
- WH in Danger since 2011 → Support to the Government of Indonesia to remove the property from the in Danger list
 - Ecological restoration, anti-encroachment, reforestation, orangutan habitat conservation, ecotourism development (Spanish Fund-in-Trust)
 - Develop a Strategic Environmental Assessment of the road development plans which threaten the property's OUV



Success Stories for Sustainable Development

3. Protecting **Natural World Heritage** Sites

→ Links with MAB Programme

Palawan BR, the Philippines

- Includes 2 WH sites: Tubbataha Reef Marine Park & Puerto Princesa Subterranean River
- Best Practices and Management Experiences in Ecotourism: Generating Alternative Livelihoods within the Palawan BR (in collaboration with the Palawan State University)

Angkor Wat WH – Tonle Sap BR, Cambodia

- Improving Water Management of Angkor WH and Tonle Sap BR in Siem Reap – Sustainability Science approach





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**4th World Congress
of Biosphere
Reserves**

LIMA-PERU
14-17
March 2016



Success Stories for Sustainable Development



JAK2015PIH04

UNESCO Office, Jakarta
 Regional Sciences Bureau for Asia and the Pacific

United Nations
 Educational, Scientific and
 Cultural Organization

**Mapping and Networking of
 UNESCO's Natural Sciences related
 Category 2 Centres and Chairs to
 Support the Post-2015 Development
 Agenda in Asia and the Pacific**

Draft Document for Discussion, May 2015

4. Strengthening **Partnerships and Collaboration** with the UNESCO wider family

- Mapping and Networking UNESCO Natural Sciences related Category 2 Centers and Chairs in Asia and the Pacific
- ASEAN Center for Biodiversity as a potential UNESCO Category 2 Center for MAB Programme



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THANK YOU!

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Gunung Leuser BR, Indonesia