

**4<sup>th</sup> BR Conference at Lima (March 16, 2016)**

**Synergies between multi-designations in biosphere reserves**

**Building national-level  
network for synergizing IDAs  
- WH, Ramsar, BR and Geoparks -**

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# Situation in Japan

**7 BR, 4 WNH (18), 50 Ramsar Sites, and 8 Global Geoparks.**

**The multiple designation in Japan are:**

**BR+WH= 1 (Yakushima)**

**BR+ Ramsar = 1 (Yakushima)**

**BR+Global Geopark = 0 (potentially 2)**

**Not so many, but will increase in the future.**



# Phenomenon in Japan

- 1. Each IDA voluntary build national-level network for sharing information and collaboration among sites.**
- 2. In Japan, Ramsar sites organized the network in 1989, Geoparks in 2009, World Heritages in 2012 and BRs 2015.**
- 3. Each network has annual meeting, membership fee, many working groups, workshops and conferences.**



# National networks of IDAs in Japan

	World Heritage	Ramsar	BRs	Geopark
<b>founded</b>	2011	1989	2015 (2010)	2008
<b>Secretariat</b>	Voluntary group	Nagoya City (Fujimae Tidal Flat)	Shiga-highland (Yamanouchi-town)	JGN Secretariat (NPO)
<b>Member qualification</b>	WH municipalities	Ramsar municipalities	BR sites Willing sites	–
<b>Participation</b>	34 municipalities	45 sites (64municipalities)	7 BRs + 3	50 sites (170 municipalities)
<b>Membership fee</b>	\$500 in average	\$200–1,000 (based on the population)	\$1,000 \$500 (quasi-member)	\$2,000 \$1,000 (quasi-member)
<b>Annual budget</b>	Approx. \$10,000	Approx. \$20,000	Approx. \$10,000	Approx. \$100,000

# Maintaining the title: It's not easy !

**Annual meeting, membership fee, many working groups, workshops and conferences.**

**⇒ maintaining the network incurs huge transaction costs = burden for small municipalities.**

- **Why don't we create a comprehensive platform?**  
**To reduce the transaction costs and making synergy**
- **Because Japan had/has similar experience**  
**= “National Level Multiple Designation” by different agencies**

# National Level Multiple designation

**National Implementation of international agreements  
⇒national level enforcement by the government.**

**32 National Parks (Ministry of the Environment)**

**85 National Wildlife reserves (MoE)**

**15 National Wilderness areas (MoE)**

**29 Forest Ecosystem Reserve (Forestry Agency)**

**23 Natural Monuments (Cultural Agency)**

**⇒mostly overlapping!!**



# Yakushima

## (International Level)

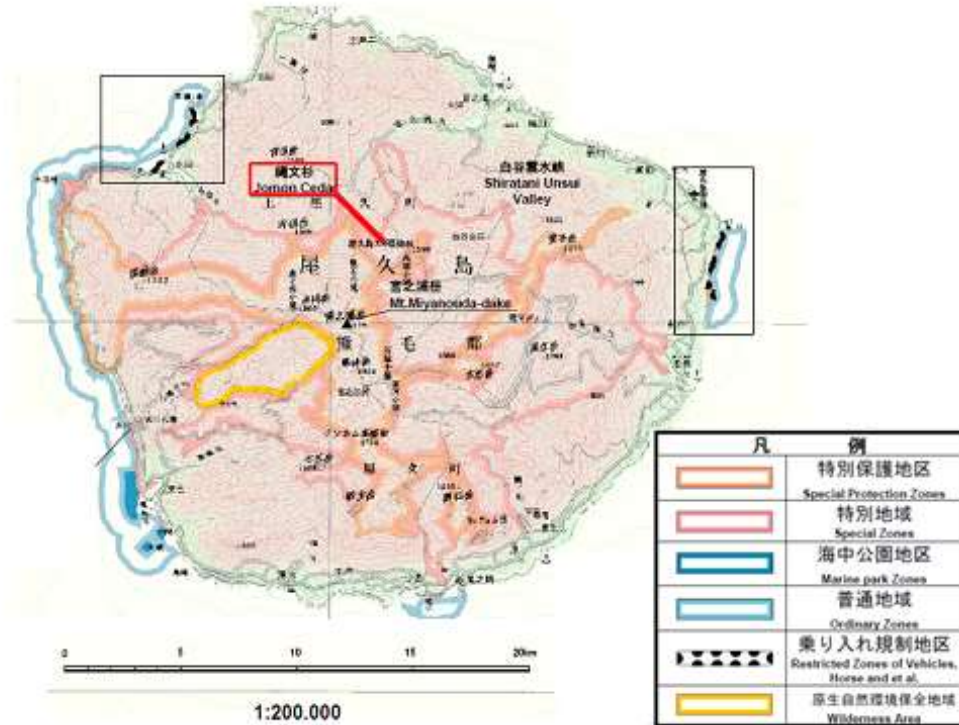
The World Natural Heritage  
UNESCO Biosphere Reserve  
Ramsar Site

## (National and local Level)

National Park (MoE),  
National Wilderness Area (MoE)  
Natural Monument (CA),  
Forest Ecosystem Reserve (FA),  
Prefectural Wildlife Reserve (Kagoshima Prefecture)

⇒Overlapping and fragmented !!!

Different law, different organization, different objective



# Land ownership in National Parks

USA, Canada, Australia, NZ, many countries....

→ National Parks are national property.

- main purpose is conservation

Japan, (UK, Korea)....

→ land owner and the managers are different.

- Purpose of the land use is Complex and diverse

62%⇒Forestry Agency

26%⇒Private

12%⇒local government

0.3%⇒Ministry of the Environment

## 国立公園内の人口

(日本はH 2年度、イギリス・アメリカはH 16年度)





# Comprehensive Platform

Inscription on the WH List changed the situation....

MoE, FA, and Prefectures establish the comprehensive platform called “*Kyougikai*”.

⇒ discuss the site-level management and collaborate

⇒ share information and optimize the allocation of resources  
(reducing transaction cost, making synergy)



# Network of Networks for synergizing IDAs

For example,

- Building mailing list of networks to share information.
- Joint conference or workshop among networks.
- Sharing the human resources at the secretariat.
- Publishing a book or magazine by collaboration.

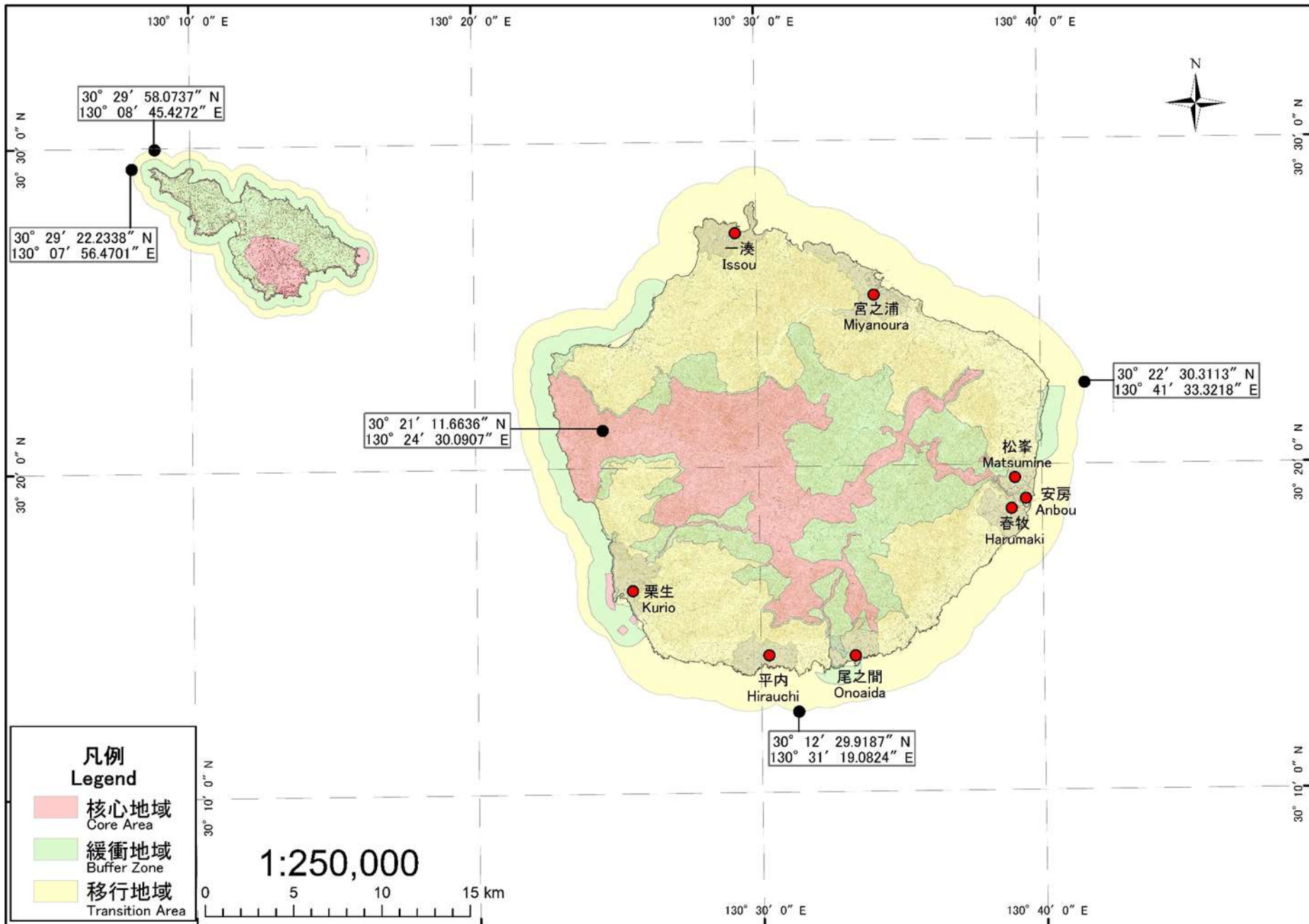
“Reducing the cost, making synergy”

# Muchos Gracias !



Yakushima BR





# Weak authority, Lack of resources (NP system)

Comparison of resources and authority among four countries.

	Japan	UK	South Korea	USA
<b>Staffs</b>	<b>346</b>	<b>1,400</b>	<b>1,158</b>	<b>19,832</b>
<b>Number of National Parks</b>	<b>30</b>	<b>15</b>	<b>20</b>	<b>58</b>
<b>Staffs per NP*</b>	<b>1~9</b>	<b>200</b>	<b>165</b>	<b>800</b>
<b>Budget</b>	<b>\$98mil</b>	<b>\$115mil</b>	<b>\$157mil</b>	<b>\$2840mil</b>
<b>Planning</b>	<b>×</b>	<b>◎</b>	<b>○</b>	<b>◎</b>
<b>Visitor control</b>	<b>○</b>	<b>◎</b>	<b>◎</b>	<b>◎</b>

Modified from Tanaka (2012)