

Japanese “Coordinating” “Committee” for MAB, a scientists network that connects local and governmental MAB activities.

Vice chair Akiko Sakai(Yokohama Nat’l Univ.)

Chair Hiroyuki Matsuda(Yokohama Nat’l Univ.)



<http://mab.main.jp/english/>

Symposium at Shiga Highland BR 2011

Japanese MAB dormant age

Aruga (InfoMAB^{No.41}), Monji¹, Takai¹

- 1970: Japan became a MAB-ICC member
- 1971~ JSPS grant (following IBP)
- 1980: 4BR designated (paper parks)
- 1987: Japan InfoMAB established (JCC)
- 1996: EABRN held in Yakushima²⁰
- InfoMAB not issued between 2004/8³¹ ~ 2007/3³²
- 2005~2009.5 JMC* not held³⁴, members expired
- Periodic reviews of 4BR in 1998 & 2007 by JCC scientists, granted from JSPS

(財) 国際生態学センター

1996



*JMC = Japanese National MAB Committee (or formerly focal point)

MAB Ecotone studies and SeaBRnet – Japan made a great contribution

GUIDEBOOK

Integrated Ecosystem Management - Pursuing a Quality Economy in Biosphere Reserves

Proceedings of the 2nd Workshop of Ecotone Phase II and the 4th Meeting of Southeast Asian Biosphere Reserve Network (SeaBRnet)

Champasak Palace, Pakse District, Champasak Province, Lao PDR
3 – 7 October 2005

Organized by:
Science, Technology and Environment Agency (STEA), Prime Minister's Office
Lao PDR National Commission for UNESCO
UNESCO
with Support from The Government of Japan

EAST ASIAN ECOTONES
01: A Collaborative MAB Programme

Principal Arifin
Samedi
Soemodihardjo

SPACO
Co-operation for the Use of Renewable Natural in Biosphere Reserves by Managed Areas

"Nature Conservation and Sustainable Use of Mangroves Forest"

Handbook of MAB in the Pacific

Logos: MAB, UNESCO, STEA, Government of Japan, SPACO, Mangrove Research and Education Network, Ecosystem Conservation, Sustainable Use of Mangroves Forest

tries

1988 InfoMAB³

International actions
Review of Jpn BRs

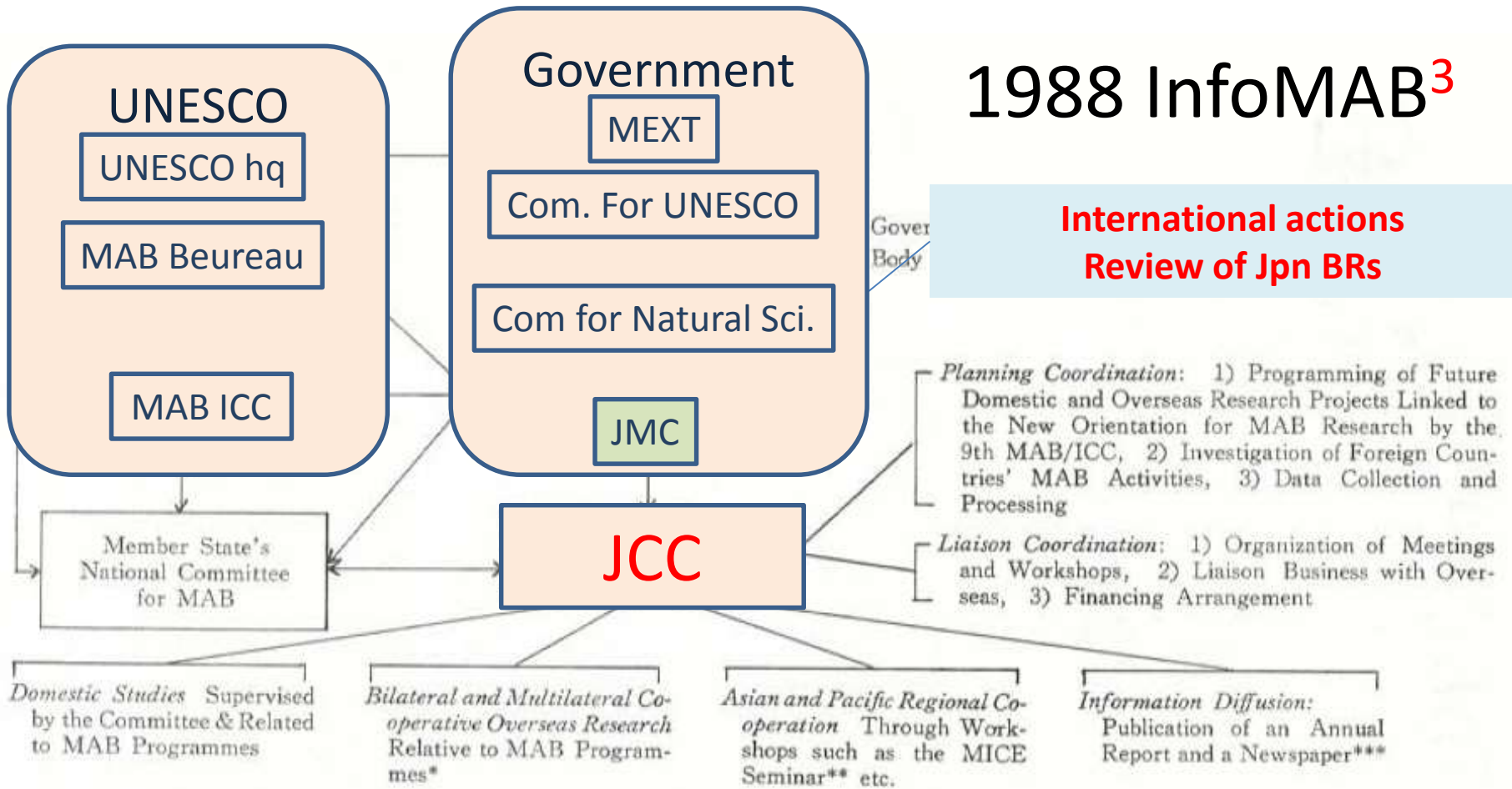


Figure 1. Overall Organization of the MAB Programme in Japan and its Activities in 1988

* Since 1985, several overseas research projects have been conducted in bilateral or multilateral cooperative form among Bhutan, China, India, Indonesia, Korea, Malaysia, Pakistan, Thailand and Japan.

** Since 1984, a regional seminar entitled "Man's Impact on Coastal and Estuarine Ecosystems" (MICE) has been held yearly in Tokyo, Ciloto, Ranong and Okinawa.

*** Since 1988, an annual English report, "Researches Related to UNESCO's Man and the Biosphere Programme in Japan", and since 1987, a newspaper, "Japan InfoMAB", written in Japanese and English have been published.

Missions of JCC

- Office in Yokohama Nat'l Univ.
addressed by YNU President Kunio Suzuki;
Chair: Matsuda; v.Chair: Sakai
- Coordination of research projects
 - Survey of international MAB activities
 - Organizing symposia, seminars, lectures
 - Funding research projects
- Newsletter (InfoMAB)



Newsletter on MAB Activity of Japan
環境科学特別研究「人間と生物圏(MAB)計画」検討班



最近の我が国における MAB 活動の概要

Recent MAB activities in Japan

Hiroko Isoda (University of Tsukuba)



磯田 博子

Why did Japanese MAB revive?

1. International Symposium was held in ESJ, 3/2010.
CBD/COP10 event was held in 10/2010.
Aya BR was submitted in 2012.
2. Madrid Action Plan forced all BRs to establish transition areas and management plans by 2015.
3. We use “UNESCO Ecopark” as nickname of BRs.
4. In 2012, Minister of Env. stated collaboration of national parks with geoparks and BRs.
5. WH experts respect BR scheme; BR encourages living harmony with nature. (Shiretoko)
6. Integrated Local Env. Knowledge Project strongly support JCC. (M.Reed knows well)
7. We organized Jpn BR Network (JBRN) since 2010.

1. Application of UNESCO's Man and the Biosphere Programme as an international institution to harmony between utilization and conservation

At Annual Meeting for Ecological Society of Japan

March 17, 2010, Univ. Tokyo

- Matsuda H, Sakai A (YNU)
- Ohsawa M (NACS-J) MAB-BR: A conservation framework of SATOYAMA
- Han Q (UNESCO) Development of the Man and the Biosphere (MAB) Programme in Asia - main achievements and lessons learnt
- Hong S-K (Mokpo U) Living harmoniously with man and nature systems in Shinan Dadohae BR
- Comment: MoEJ, MEXT, JMC



Visit Aya

1. CBC/COP10 side event was held by MEXT, JMC, JCC, ESD-J, UNU/IAS, MoEJ

CBD COP10 Side Event (Nagoya)

UNESCO's Man and the Biosphere (MAB) Programme, Education for Sustainable Development (ESD), and Japanese activities.

26 October, 2010 (bilingual: Japanese-English)

13:15pm - 14:45pm, Shiratori Hall - Bldg 4 - 1st Floor, (near Nishi-Takakura Stn)

Organizers: MEXT-Japan*; Japanese National Commission for UNESCO

Co-Organizers: JCC for MAB*; ESD-J*, UNU/IAS*, Ministry of Environment-Japan

Programme (tentative)

Katsunori Suzuki (Kanazawa Univ.) “Promotion of ESD through MAB programme”

Ana Persic (UNESCO MAB-ICC) “Biosphere Reserves – The World Network of Learning Sites for Sustainable Development”

Panel: Salvatore Arico, Ana Persic, Sun-Kee Hong (Mokpo National Univ., Korea), Takako Takano (ECOPLUS)

Closing Remarks: Kunio Suzuki (YNU, JMC)



We held a comprehensive discussion on framework for collaboration between ESD & MAB

環境省自然環境局
自然環境計画課長
黒田 大三



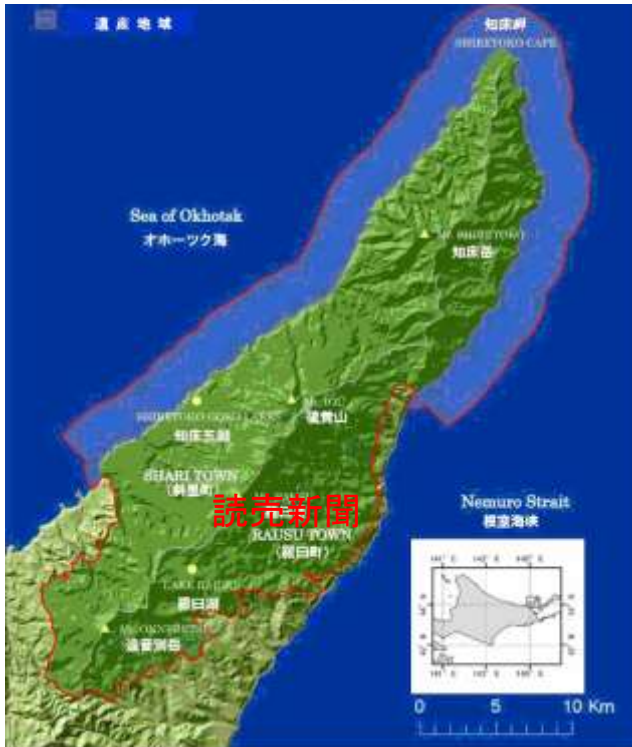
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IUCN書簡への政府回答について (照会)

先般、本年2月2日付けの国際自然保護連合(IUCN)からの書簡に対する政府回答の要旨の説明及び意見照会があったところですが、下記の各点に関する貴籍の見解を伺いたいのではとお願い申し上げます。
なお、回答に際しては、文書を以てお示し下さるよう併せてお願い申し上げます。

記

1. 知床世界自然遺産の登録及び今後の管理に際し、世界自然遺産区域における漁業活動に関する新たな法的規制は行わないこと。



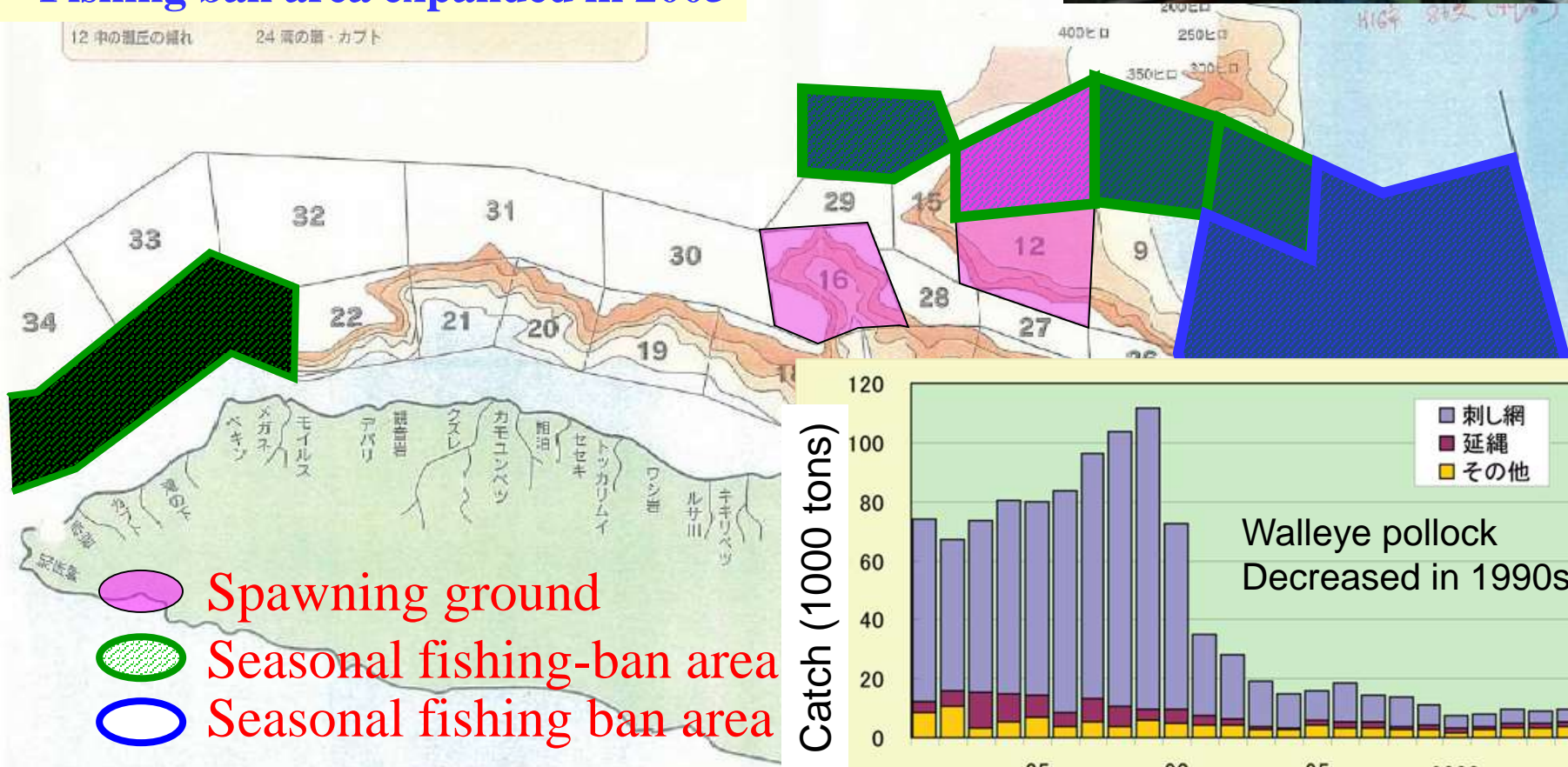
5. WH experts respect idea of MAB: Bottom-up approach in Shiretoko WH in 2004-05

- Government promised to Fishers Associations not to make further regulation for World Heritage
- IUCN requested further conservation efforts in marine.
- Scientific Council's solution:
 - Increasing effort for conservation by fishers
 - Describe management plan as fishers are doing.
 - Expand area including shelf

Shiretoko WH

Compensation to retired fishers

- 177 boats fished walleye pollock in 1995
- **Fishing ban during Mar 20-end since 1995**
- Decreased to 86 boats in 2004 (49% reduction)
 - Compensation to retired fishers by Fisheries Organization
- Fishing ban area expanded in 2005



IUCN "Report of the reactive monitoring mission 18-22 February 2008 on Shiretoko WH



- The mission team [for Shiretoko WH] also applauds the **bottom up approach** to management through the involvement of local communities and local stake-holders, and also the way in which scientific knowledge has been effectively applied to the management of the property through the overall Scientific Committee and the specific Working Groups that have been set up. These provide **an excellent model for the management** of natural World Heritage sites **elsewhere**.

Shiretoko's episode was selected as Impact Story by IASC in 2010



The International Association for the Study of the Commons

Founder=E. Ostrom

The leading professional association dedicated to the commons

Impact Stories

<http://www.iasc-commons.org/impact-stories>

Co-managemnt in Japanese coastal fisheries

Articles and Photographs: Mitsutaku MAKINO, M.A., M. Phil., Ph.D., Fisheries Research Agency Japan

Country: Japan

Type of resources involved: Coastal Ecosystem

What change happened to strengthen rights to the commons?

Marine Policy 33 (2009) 207–214

After the listing of the co-

plan was enacted in or-

rights system, traditiona-

officially incorporated as

to observe the changes

fishers' organizations or

positive appreciation in

more incentives to ne-

conservation. This is

nominate to the UNES-

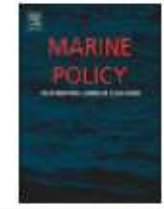
environment", which offe-



Contents lists available at ScienceDirect

Marine Policy

journal homepage: www.elsevier.com/locate/marpol



Expanding fisheries co-management to ecosystem-based management: A case in the Shiretoko World Natural Heritage area, Japan

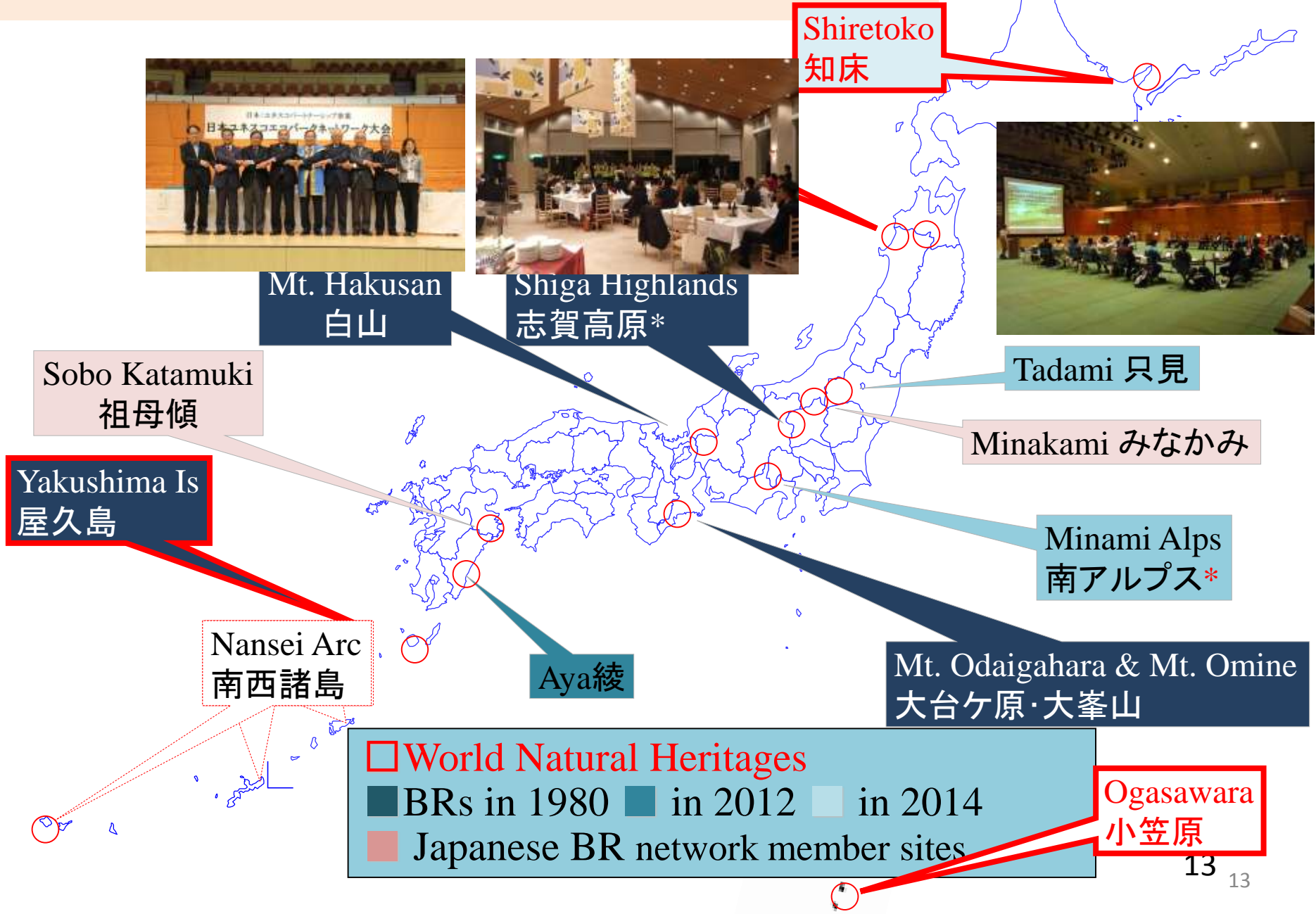
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6. Japanese BR Network initiated by JCC



Future mission of JCC

- Advise BR activities (nomination forms)
- Network local scientists between BRs
- Support JMC (Jpn MAB Com.)
- Collaborate with WH, Geoparks, GIAHS
- Develop trans-disciplinary approach
- Rename and reorganize
- **Export JCC to other nations**
- Deer management

Mt Odaigahara, Omine BR

