Introduction to Jeju Island BR and the World Network of Island and Coastal BR

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I. About Jeju Island Biosphere Reserve

Information Video Clip (1~2 minute)
About Jeju Island Biosphere Reserve

- **Triple Crown from UNESCO**
  - 2002: Biosphere Reserve
  - 2007: World Natural Heritage
  - 2010: World Geopark

- **Four Ramsar wetlands**

- **2011: A New 7 Wonders of Nature**
About Jeju Island Biosphere Reserve

• Title: Jeju Island Biosphere Reserve
• Designated Date: December 16, 2002
• Area: Total 830.94 km²
  (Core Area: 151.58km², Buffer zone: 146.01km², Transition area: 533.35km²)
• Secretary office, WNICBR (60 BRs from 36 countries, as of Jan 2016)
About Jeju Island Biosphere Reserve

### Zonation of Jeju Island BR

<table>
<thead>
<tr>
<th>Category</th>
<th>Area (Km²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Area</td>
<td>151.58</td>
</tr>
<tr>
<td>Buffer Zone</td>
<td>146.01</td>
</tr>
<tr>
<td>Transition Area</td>
<td>533.35</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>830.94</strong></td>
</tr>
</tbody>
</table>

(45% of the entire Jeju Island)

※ Designated areas: Mt. Hallasan, 2 streams and 3 islets
Jeju Island Biosphere Reserve

Mt. Hallasan

Hyodoncheon stream

Marine park
About Jeju Island Biosphere Reserve

Major Activities in Jeju BR

• Utilization of Jeju BR Brand and its management
• Promoting of Biosphere Reserve Eco-tourism Villages
• Environmental Education in Jeju Island BR
  (The UNESCO school programme, BR Eco-Field trip)
• Operating the Network Secretariat of WNICBR
• Environmental Monitoring in Jeju BR
About Jeju Island Biosphere Reserve

**Major Activities in Jeju BR**

- **Branding Biosphere Reserve** (As of Jan 2016, 46 items by 17 enterprises)

Jeju BR Branding Products Exhibition Hall
About Jeju Island Biosphere Reserve

**Major Activities in Jeju BR**

- **Biosphere Reserve Eco-tourism Villages**
  (As of 2015, two villages are selected as Jeju BR eco-tourism villages)
About Jeju Island Biosphere Reserve

Major Activities in Jeju BR

- **Environmental Education in Jeju Island BR**
  (As of 2015, the number of students: 291 from 12 schools in Jeju)

The UNESCO School Programme

Biosphere Reserve Eco-Field trip
About Jeju Island Biosphere Reserve

Major Activities in Jeju BR

- World Network of Island and Coastal Biosphere Reserve
  (WNICBR membership: 60 biosphere reserves in 36 countries, as of Jan 2016)

The 1st ~ 5th Meeting of WNICBR

The UNESCO Training Course of WNICBR Managers

Casebooks of WNICBR
About Jeju Island Biosphere Reserve

Major Activities in Jeju BR

- Others
  
  Environmental Monitoring
  
  Jeju BR Signage
II. Major Activities in the Core and Buffer Area of Jeju BR
**World Network of Island and Coastal Biosphere Reserve**

**Outline**

- **Date of Establishment**: 12\textsuperscript{th} February, 2012
- **Network Members**: 60 BRs in 36 Countries (as of Jan 2016)
  - World Biosphere Reserves: 651 BRs in 120 Countries
  - World Island & Coastal Biosphere Reserves: 197 BRs in 67 Countries

**New Designated BRs / Countries in 2015**: 20 BRs & 1 Countries
MAB-ICC has been encouraging the establishment of regional networks of biosphere reserves as a way to facilitate active and intimate cooperation among BRs located close to one another.

The importance of thematic networks had been emphasized in the Madrid Action Plan (MAP) which was adopted at the 3rd World Congress of BRs in Madrid.

Hence, the network has been established to deal with the climate change and sustainable development, especially among island and coastal BRs, as island and coastal regions are more vulnerable to climate change and biodiversity extinction.
Establishment of Network Secretariat in Jeju and Menorca

- Jeju BR and Menorca BR had been proposing to establish the Network among island and coastal biosphere reserves that an international cooperation would be greatly beneficial in doing researches and developing efficient strategies to deal with the common issues (climate change / sustainable development) shared by the BRs in these regions.

- Proposed at the 21st MAB-ICC to establish secretariat in Jeju and Menorca
  Approved at the 22nd MAB-ICC
Establishment of Network Secretariat in Jeju and Menorca

- **Memorandum of Understanding** (Jeju - Menorca - UNESCO MAB) : Sep, 2012
  - Jeju Secretariat : Climate Change Field
  - Menorca Secretariat : Sustainable Development Field

- **Fund-in-Trust of Arrangement**
  - Between Jeju and UNESCO : USD 100,000 / year – for 5 years (2012-2016)
  - Between Menorca and UNESCO : EUR 10,000 / year – for 4 years
III. World Network Activities of ICBR
1. Organizing the international meetings of the WNICBR

The 1st meeting: Menorca BR, Spain in February 2012

The 2nd meeting: Jeju BR, Republic of Korea in September 2012

The 3rd meeting: West Estonian Archipelago BR, Estonia in May 2013

The 4th meeting: Palawan BR, the Philippines in June 2014

The 5th meeting: Attard, Malta in March 2015
2. UNESCO Training Course for ICBR Managers

- **Date:** Annually around October (completed the 1st~3rd during the last 3 years)
- **Trainees:** Around 10 BR members
- **Purpose:** To construct Management System and enhance Network among BR members in the Developing Countries or New-Designated BRs
3. Research Project of the Impact of Climate Change in Island and Coastal BRs

- **Research Period**: 1\textsuperscript{st} Stage (2014 ~ 2015), 2\textsuperscript{nd} Stage (2015 ~ 2017)

- **Research Subject**
  - 1\textsuperscript{st} Stage: The Impacts of Climate Change on Island and Coastal Biosphere Reserves
  - 2\textsuperscript{nd} Stage: Establishment of Strategies Responding to Climate Change on ICBR

- **Research Sites**
  - Jeju Island BR in South China Sea
  - Macchabee-Bel Ombre BR in Indian Ocean
  - Menorca BR in Mediterranean Island
  - St. Mary’s BR in Caribbean
  - Principe Island BR in the Gulf of Guinea
World Network Activities of ICBR

4. Issuing the newsletters periodically and publishing the casebooks for networking among BRs

WNICBR Newsletter

※ You can download it at the websites of UNESCO and WNICBR Jeju Secretariat.

Casebooks
5. WNICBR secretariat websites

You can see the materials such as newsletters and casebooks, etc. at the websites below.

http://wnicbr.jeju.go.kr/index.php/eng
