TEPCO’s Measures to Preserve the Nature of Oze
Contents

1. About Oze National Park
2. TEPCO’s Involvement in Oze
3. Collaborative Preservation Management

Skunk Cabbage (Mizubashou)
1- 1. About Oze National Park - Location

Oze National Park

- TEPCO property
- Former Nikko National Park
- Newly incorporated area
- Special Protection Zone

Japan

Sendai

Tokyo

Niigata Prefecture

Fukushima Prefecture

Gunma Prefecture

Tochigi Prefecture
1-2. About Oze National Park -
World famous marshland

Low moor
Water
Skunk cabbage grows

Intermediate moor
Peat
The state in the process when low moor becomes high moor

High moor
Peat
The high moor, where bog moss swells above water surface

Bog moss
1-3. About Oze National Park -
Characteristics of flora

Relict species since the Ice Age;
Sundew (carnivorous plant)

Endangered species;
Pogonia Japonica

Southern strain;
Lindera umbellata
(Spicewood)

Relict species since the Ice Age;
Edelweiss

About 900 kinds of plants can be observed in Oze
1- 4. About Oze National Park - Characteristics of fauna

- The existence of more than 150 kinds of birds is confirmed in Oze.
- Oze marsh registered under the Ramsar Convention
Four seasons in Oze (1)

Spring

Skunk Cabbage (Mizubashou)
Four seasons in Oze (2)

Summer

Daylily
(Nikko Kisuge)
Four seasons in Oze (3)

Autumn

Japanese sumac (Yama-urushi)
Four seasons in Oze (4)

Winter

Oze is deeply covered with snow in winter.
### 2-1. TEPCO's involvement in Oze - History of Oze

<table>
<thead>
<tr>
<th>Year</th>
<th>History of Oze</th>
<th>TEPCO’s involvement in Oze</th>
</tr>
</thead>
<tbody>
<tr>
<td>1903</td>
<td>The plan for the first hydroelectric dam in Oze was announced by the government.</td>
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<tr>
<td>1910</td>
<td>A power company acquired the land and water rights at that time.</td>
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<tr>
<td>1934</td>
<td>Oze area was designated as part of the Nikko National Park (the fourth National Park in Japan).</td>
<td></td>
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</tbody>
</table>
| 1951 | Boardwalk construction started (Fukushima Prefecture) | - Establishment of TEPCO  
- Received the Oze land and water rights |
| 1952 |  |  |
| 1950s and 1960s | Degradation caused by hikers trampling on the vegetation |  |
| 1958 |  | TEPCO started boardwalk Construction. |
| 1995 | Establishment of the Oze Preservation Foundation |  |
| 2007 | Establishment of Oze National Park (29th in Japan) |  |
2-2. TEPCO’s involvement in Oze - TODEN lodge

‘TODEN Lodge’ was built in the 1910s for weather-monitoring.

Former

Present-day
2-3. TEPCO’s involvement in Oze - Degradation of the Nature in Oze
2-4. TEPCO’s involvement in Oze - Efforts to restore marshes (1)

Ayamedaira (marsh)
- 1ha of marshland was degraded.
- Peat layer accumulated over more than 150 years was lost.
2-4. TEPCO’s involvement in Oze - Efforts to restore marshes (2)

1. [Image of a grassy field with people working]
2. [Image of a marshy area with people working]
3. [Image of a grassy field with people working]
4. [Image of a grassy area with a signpost]
2-5. TEPCO’s involvement in Oze - Efforts to restore marshes (3)

Former ‘Ayamedaira’

Present-day ‘Ayamedaira’
(Around 90% has been restored)

Even after half a century of restoration work, there are still some places that have NOT completely recovered.

<Photo taken in Oct. 2013>
2-6. TEPCO’s involvement in Oze - Constructing boardwalks

- Total length of boardwalks in Oze area is 65km
  - Fukushima prefecture; 33km
  - Gunma prefecture and Ministry of the Environment; 12km
- TEPCO has laid 20km of boardwalk out of those 65km.

Boardwalk replacement work on the route to Mt. Shibutsu in 2013
3- 1. Collaborative Preservation Management - The ‘Take-Your-Litter-Home’ movement

‘Let’s remove waste boxes!’
An eye-opening idea
3-2. Collaborative Preservation Management -
Current garbage disposal operation

Garbage such as leftover food at mountain lodges, has its weight reduced by a garbage drying machine, and is then carried away by sherpas or helicopter.
3- 3. Collaborative Preservation Management - Drainage measures

- To clean dirty water; Installation of combined septic tanks
- To preserve our Oze together; Oze visitors are asked to leave a tip at public restrooms.

After being purified it is returned to Oze.

A tipping system at public restrooms

Photo: Gunma Prefecture
3-4. Collaborative Preservation Management - Restriction on private cars

The sign for the restriction on private cars.

Visitors park their cars here and take a bus from this point.
3- 5. Collaborative Preservation Management - Preservation of the ecosystem in Oze

Endangered species; Ozenuma Common Thistle

To preserve endemic species in Oze

Installation of mats which remove seeds stuck to shoe soles to prevent foreign species from entering.
‘People with pride in Oze should pass its beauty down for the generations’
‘The Oze charter, Gunma Prefecture’
3- 7. Collaborative Preservation Management - Establishment of the Oze Preservation Foundation

1995: Establishment of Oze Preservation Foundation
2006: Development of ‘Oze Vision’

2008: Establishment of Oze National Park Council

<Governors>
Left: Niigata governor
Middle: Gunma governor
Right: Fukushima governor

Oze summit conference, 2013

尾瀬サミット2013
2013.9.3 公益財団法人 尾瀬保護財団
Oze Vision

Preserve and Enjoy our Oze Together

Thank you very much