

OES005-P10

Room: Convention Hall

Time: May 23 17:15-18:45

The close connection between the sea and the land

Tadahiro Shibata^{1*}, Kenji Komatsu¹, Ueta Soichiro², Okada Tetsuya², Tanaka Keiichi²

¹Muroto geopark promotion committee, ²Muroto city office

1. Introduction

Our theme: "Where the ocean and the land meet ? The forefront for the birth of new habitable land", expresses a number of features of our geopark.

- Dynamics of accretionary prism.
- Marine terrace formation during glacial and interglacial sea level changes.
- Land upheaval caused by earthquakes

We are realizing just how close the relationship between the land and the sea really is, and this information is important in understanding the nature, history and culture of our planet. To facilitate greater learning to the community and visitors, we are establishing individual geo-sites each with their own story.

2. Establishment of a definition for geo-site

At GGN (Global Geoparks Network) geo-sites, we can learn about archaeology, culture, and ecology.

- Each site should have information on a range of topics, including archaeology, geology, culture and ecology.
- Individual geo-site themes are established
- Each site is able to be looked-up.

3. Example

"F Gyoudo-Kuromimi sea side site" is an example of a Dynamic Accretionary Zone. Here you can see and touch sedimentary structures, deformation structures and sand dykes.

"O Deep-sea water site" You can see equipment used in extracting deep-sea water, and see and touch creatures that live in deep-sea water.

"D Kiragawacho machinami site" is a town with ties to a product called bincho (high quality charcoal) We can learn about this product, and its uses.

4. Sites in pairs

By using this system, tourists are able to plan their own trips, catering to their individual interests. For example, if tourists are interested in deep-sea water, they can access "O Deep-sea site" and this will lead them on to "P Muroto sky-line site" This helps to understand the overall topography of the region. If a visitor is interested in seeing the beauty of the Muroto area, they can visit "E Muroto kiramesse site" and "M Cape Muroto site, relating to the same theme.

5. For the future

By constructing in this way, tourists can get information simply and quickly. Our next stage of planning will be building up our Homepage, as well as brochures and billboards. The benefit of connecting sites through themes is that tourists can be informed of smaller sites, related to the

theme that they otherwise would have missed. In this way we hope to increase the enjoyment of tourists visiting our geo-sites.

Keywords: Muroto, geopark, accretionary prism, deep sea water, earthquake, marine terrace