

## Integrated open web system of metadata for data integration of coastal area

# yumi amemiya[1]; Toshiaki Ueki[1]; Ryoichi Kouda[2]

[1] OHTI; [2] AIST

Coastal area is important in life such as nearby large cities or in economy such as factories of industrial activity. The investigation methods of coastal areas are difficult compared to those in land and marine areas. The integration of seismicity by bay cable, electric exploration, and gravity and magnetic methods can be available for coastal area investigation combining with land and marine data. However, the data opened to date are scattered in different organizations, the interoperability of those data available are not yet enough. Digital form of those data are not much advanced in organizations. This study develops the method of all metadata of available source data scattered in different organizations in order to integrate all available and accessible data. Our method in metadata level will contribute the similar situation for the further data integration and data mining, utilization, and management.