

Training workshop on the development of web-based spatial information system (WEBGIS) using free and open source software (FOSS) and open geospatial consortium (OGC) based web services

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Objectives

To familiarize the trainees with the technologies behind FOSS and OGC based WEBGIS system.

To enable the trainees to develop their own WebGIS system for CO2 storage mapping and other applications.

Training Outline

- I. Introduction of OGC and Web Map Services**
- II. Web-based Database Creation**
- III. Web Map Service Formulation**
- IV. Web Map Service Testing**
- V. SQL Formulation and Database Queries**
- V. Web Map Service Client Development**
- VI. Putting it all together: WebGIS Portal Development**

National Institute of Advanced Industrial Science and Technology Mission (AIST)


INNOVATION for SOCIETY

FOSS and OGC based WebGIS system development follows the AIST application development guidelines which are the following:

1. User-friendly
2. Interoperable
3. Cost Effective



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