

## **Development of Web-GIS system for management and publication of geotechnical survey reports**

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Japan Geotechnical Consultants Association (JGCA), Japan Society of GeoInformatics (JSIG) and Geological information Utilization and Promotion Initiative (GUPI) developed Web-GIS system for management and publication of geotechnical survey reports. This system is called Web-titan. It is designed in Server/Client environment, and we can use it through Web browser.

The main functions of Web-titan are shown as follows:

- 1) Manage geotechnical survey reports by DataBase,
- 2) Search and browse reports and borehole logs,
- 3) Show position of boreholes on digital maps,
- 4) Publish web map applications.

The functional enhancement and improvement of Web-titan are continued by JGCA Web-GIS consortium. In this presentation, we will introduce the functions and use example of Web-titan.