Decision-supporting GIS for National Development

Supergeo Technologies, the provider of GIS software and solutions, is supporting the Taiwan National Development Council in integrating various geographic data and services collected by different divisions into one single platform, named Spatial Arrangement Supporting System, to provide timely spatial analyses and map data display by GIS.

To effectively utilise related geographic services and data in diverse applications, such as urban planning maps, topographic maps, aerial photographs, social economic database and environmental database, National Development Council has to combine and manage complex information within one single platform, so that the related staff can easily gather and use the needed data.

Being the core foundation of the Spatial Arrangement Supporting System, SuperGIS Server 3.1a provides the system with various functions including spatial data processing, analysing, displaying and editing. To enhance task management and decision usage, it is also equipped with SuperGIS Server Network Extension to provide advanced network analysis. Microsoft SQL Server 2008 is adopted for database management service.

Query

At the client side, users can set query buffer and upload data online according to their requirements. An Analysis Model is also included in the system, to give diverse analytics within the specified buffer. All analysing results can be exported as graphics, too.

Spatial Arrangement Supporting System enables users to query diverse attribute data with direct query results on the map. In this way, task administrators are able to tell geographic position of each project with ease.

As the demand for geospatial data digitalisation rapidly increases in Taiwanese government, dealing and accessing the vast information also become an important topic. Supergeo provides comprehensive GIS software and solutions which can perfectly bring National Development Council, related divisions and the citizens more efficiency by GIS technologies.

https://www.gim-international.com/content/news/decision-supporting-gis-for-national-development