

Analyze the City of Sendai with GIS data

Contact : Assistant Prof. Shoko ARAKI, Prof. Micho UBAURA
(Dep. of Architecture and Building Science,
International Research Institute of Disaster Science)
E-mail : s_araki@tohoku.ac.jp

The number to be accepted : 8

Schedule : intensive course

First lecture information : October 3rd, 16:20~

@ International Research Institute of Disaster Science Building Room 405

GIS (Geographic Information System) is a computer system for capturing, storing, checking, integrating, manipulating, analyzing and displaying data related to positions on the Earth's surface.

In the process of urban planning, it's necessary to analyze the target city from various perspectives, and GIS is an effective tool. Also, the field surveys are indispensable to grasp the actual situation.

The aim of this program is

- 1) to analyze Sendai city from the perspectives of population, commerce, and agriculture with GIS software.
- 2) to select several target districts and visit them, and
- 3) to compare and discuss the relationship between the result of analysis and the real situation.

