Urban Analysis with GIS

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The number to be accepted: 8
Schedule: intensive course
Date and place of the first lecture: Oct. 1, 16:40-
@Civil engineering and architecture 504

Summary:
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 is necessary to analyze the target city from various perspectives, and GIS is an effective tool for it. The aim of this program is
1) to analyze Sendai city from the perspective of “population”, “commerce” and “agriculture” with GIS,
2) to make a visitation to some typical areas, and
3) to compare between the result of analysis and the real situation.