

Laboratory / Center profile

Regional Development and Vitalization Laboratory <http://lab.sdm.keio.ac.jp/rdvl/> (in Japanese)

Members: Professor Takashi Maeno, Associate Professor Naohiko Kohtake, Associate Professor Seiko Shirasaka, Guest Professor Monta Nakajima, Project Professor Mikako Hayashi, Guest Professor Toshiyuki Yasui, and others

Objective:

The Regional Development and Vitalization Laboratory aims to systematize research on regional development and vitalization. It conducts case studies regarding the subject by organizing seminars and field visits. Every month we hold a number of seminar sessions and share information with a view to systematizing and enhancing studies of regional development and vitalization. The laboratory collaborates with the Methodology Research Group of the Japan Association of Regional Development and Vitalization. We also work with other universities, central and regional governments, and private companies, thereby engaging in open and constructive discussions for better society. We welcome interested individuals and parties.

Examples of Research Topics:

- Methodology systematization, research analysis of regional development and vitalization using methods, such as research structural analysis
- Mechanism of regional development and vitalization, methodologies and methods concerning establishing indicators and quantifying
- Analysis of regional development and vitalization based on information technology, open data, economics, and public administration
- Case studies of tourism, industrial development, arts promotion, sports promotion, and regional branding
- Case studies of agriculture and city symbiosis, the agriculture, forestry and fisheries industry for local support, and revitalization of local shopping areas
- Methodology and case studies related to collaboration, co-creation, NPO, and social capital.
- Studies related to town development, community, regional development and vitalization



Group photo of the laboratory members



At a seminar session

Spatial Location-Based Service Laboratory

Members: Professor Shinichiro Haruyama, Associate Professor Naohito Kohtake, Assisting Professor Takaaki Ishida, and others

Objective:

Most social issues that exist in this world are closely related to spatial factors, such as locations of persons and things. In order to address these issues, one needs to acquire information related to the contexts and locations, analyze them, and make decision based on the results of the analysis. The objective of the Spatial Location-Based Service Laboratory is to do these things in a cross-cutting manner. We collaborate with companies both inside and outside Japan, with national institutions, and with other universities to promote leading-edge research. We also organize and administer international conferences and symposiums concerning spatial locational information service. Our goal is to contribute to industrial development. Please contact us if you are interested in taking part.

Research Topics/Activities:

- Research on space locational information application, such as guide systems for the visually impaired
- International project for message distribution system for emergencies based on locations of persons and things
- Study on sensor system for optimal lighting and ventilation system in public spaces
- Research on indoor and outdoor seamless positioning technology based on visible light communication technology, indoor messaging system (IMES), and a localization (estimating self-position) method.
- Administration of Location Business Japan and Asia Oceania Regional Workshops on GNSS
- Joint research and exchange programs with MIT, Purdue University, Delft University of Technology, and Regional Integrated Multi-Hazard Early Warning System for Africa and Asia (RIMES)



at a meeting with RIMES



Visually impaired participant experiences a navigation system



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