



GISUP 2025, International

The 27th International Conference on
Geospatial Information Science and Urban Planning

November 14, 2025 (Offline Meeting)

Venue:

School of Information and Data Sciences
NUTIC (Nagasaki University Technology Innovation Campus)
7-1 Saiwai-machi, Stadium City North, 4F, Nagasaki City

Organized by:

Organizing Committee of GISUP 2025, International
School of Information and Data Sciences, Nagasaki University

Organizing Committee of GISUP2025, Int'l

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GISUP 2025, International Detailed Program

The 27th International Conference on
Geospatial Information Science and Urban Planning
(GISUP 2025, International)

Time and Dates:

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School of Information and Data Sciences, Nagasaki University

Conference Program Contents:

This conference consists of all information for Geospatial Information Science and Urban Planning (GISUP2025, International) papers. It's for scientific session on various GIS and urban planning methods and systems.

Schedule:

- Registration (9:00-9:25)
- Opening Address (9:30-9:40) *by Conference Chair, Prof. Dr. Dea Young KIM*
- Scientific Session-1 (9:40-10:40)
(with 5 presenters, each present will be 10 minutes)
- Coffee Break (10:40-10:50)
- Scientific Session-2 (10:50-11:40)
(with 4 presenters, each present will be 10 minutes)
- Final Comments and Discussion (11:50-12:00)
- Closing Address (11:50-12:00) *by Conference Vice Chair, Prof. Dr. Rieko Nakao*

Scientific Session

Session-1 (9:40 – 10:40)

1. A GeoAI Framework for Fire Risk Assessment and Spatial Simulation in Electric Vehicle Charging Infrastructure
YuJin Lee, ByeongJun Ko, YongJin Joo
2. Estimation of Exposure Doses at the Futaba Kohsei Hospital after the Accident at the Fukushima Daiichi Nuclear Power Station
Maho Takeshita, Byungdug Jun
3. A Study on GeoLLM-Driven Real Estate Sale Recommendation using Post-Occupancy Evaluation and Location Preference Analysis
ByeongHyeok Im, HoJun Lee, YuJin Lee, YongJin Joo
4. Estimating Physical Damage Caused by the Hiroshima Atomic Bomb with DSM Analysis
Atsushi Koyanagi, Byungdug Jun
5. A Study on Analysis of the Spatial Correlation Between Urban Physical Environments and Personal Mobility Device Accidents
NamHo Gwak, GyuSeong Lee, Bi Yoo, YongJin Joo

Session-2 (10:50 – 11:40)

6. Differences in health self-management behaviors among medical care recipients between remote islands with different degree of isolation from the mainland
Natsumi Yamakawa, Satoko Kosaka
7. A Study on Predicting Illegal Parking of Shared Personal Mobility Devices Using an LSTM-Based Spatiotemporal Analysis
GeunHoon Han, GyeongHwan Lim, DaeYoung Kim, YongJin Joo
8. The burden on caregivers of people with dementia who attend the Alzheimer's Café
Masateru Yamaguchi, Rieko Nakao
9. A Study on Real-time Enforcement of Illegal Parking of Personal Mobility Devices by Using Deep Learning and Cloud Services
JiSeob Kil, YunSung Jang, DongWook Gil, YongJin Joo

Lunch banquet (12:30–14:00) Japanese Dining SHUN (洵)