Ryota Kodera

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RESEARCH INTERESTS

Urban freight, freight transportation

EDUCATION

Tokyo University of Marine Science and Technology – Tokyo, Japan
Doctor of Engineering in Applied Environmental Systems, April 2026 – Present
Advisor: Prof. Takanori Sakai

Tokyo University of Marine Science and Technology – Tokyo, Japan
Master of Maritime Technology and Logistics, April 2024 – March 2026
Advisor: Prof. Takanori Sakai
- Ranked 2nd in the Major

Tokyo University of Marine Science and Technology – Tokyo, Japan
Bachelor of Logistics and Information Engineering, April 2020 – March 2024
- Honor Student Award, (2021, 2023)

ACADEMIC VISITING

University of Antwerp – Antwerp, Belgium
Visiting Research Student, September 2025 – December 2025
Host: Prof. Joris Beckers

PUBLICATION

1. **Ryota Kodera**, Takanori Sakai, Tetsuro Hyodo. (2025). Development of a Delivery Time-Period Selection Model for Urban Freight Using GPS Data. Smart Cities, 8(1), 31. https://doi.org/10.3390/smartcities8010031
2. Yuichiro Tanaka, Takanori Sakai, Tetsuro Hyodo, **Ryota Kodera**. Development of an urban typology framework for supporting sustainable freight planning: A case of Japanese municipalities, Under review for publication in Journal of Transport Geography

CONFERENCE PRESENTATIONS

1. **Ryota Kodera**, Takanori Sakai, Tetsuro Hyodo. Modeling Receiving Time Selection for Intra-City Shipments Using GPS Probe Data, the 13th International Conference on City Logistics, Penang, Malaysia, June 11–13, 2025.
2. Daichi Fukuda, Takanori Sakai, **Ryota Kodera**, Tetsuro Hyodo and Hideki Oka. Delivery Time-Period Choice Modeling Considering Time-of-Day Network Performance, 7th Edition of Green Cities Conference, Szczecin, Poland, April 15 –17, 2026
3. Yuichiro Tanaka, Takanori Sakai, Tetsuro Hyodo, **Ryota Kodera**. Development of an urban typology framework for supporting sustainable freight planning: A case of Japanese municipalities, World Conference on Transport Research, Toulouse, France, July 6 –10, 2026
4. **Ryota Kodera**, Takanori Sakai, Joris Beckers. Simulation-based evaluation of the impact of Logistics as a Service on last-mile parcel deliveries, 18th International NECTAR Conference (Network on European Communications and Transport Activity Research),

Munich, Germany, July 13 –15, 2026

CONFERENCE PAPERS (Co-authored)

1. Aaron Michael Salang, Takanori Sakai, Yumi Hazenoki, **Ryota Kodera**, Hideki Oka, Tetsuro Hyodo. Evaluating off-hour delivery policy using an agent-based freight model, World Conference on Transport Research, Toulouse, France, July 6-10, 2026

WORK EXPERIENCE

Tokyo University of Marine Science and Technology – Tokyo, Japan

Research Assistant

October 2024 – March 2025; July 2025 – August 2025; December 2025 – March 2026

- Data analysis, modeling, and simulation for urban freight systems

Teaching Assistant

- LIE: Data Science (Fall Semester 2024, 2025), for Prof. Sakai
- LIE: Exercise in Information Engineering and Logistics (Fall Semester 2024, 2025), for Prof. Sakai and Prof. Hyodo
- LIE: Infrastructure and Urban Planning for Logistics (Spring Semester 2024), for Prof. Sakai
- LIE: Logistics Data Analysis (Spring Semester 2024, 2025), for Prof. Hyodo

GRANTS

- JST SPRING Fellowship, JPY 4,800,000, 2026 –2028
- Academic Excellence Scholarship in Tokyo University of Marine Science and Technology, JPY 100,000, 2025
- Masato Miwa Scholarship, JPY 720,000 for 2024-2025

SKILL

- TOEIC 775 (2023)