

Research and Education Activities for the Academic Year 2025

Doctor and Master's Theses

[Abbreviations]

D.Sc.	Doctor of Philosophy (Science or Geoscience)
D.Env.	Doctor of Philosophy (Environmental Studies)
M.Sc.	Master of Science
M.Sc. (M)	Master of Science in Mountain Studies
M.Eng.	Master of Engineering
M.Env.	Master of Environmental Science
M.A. (E)	Master of Arts in Education
M.A. (A)	Master of Arts in Area Studies
M.S.E.Sc.	Master of Sustainable Environmental Sciences

[a] Human Geography

- D.Sc. Usui, Haru (2026): Fertility and Child-rearing Behavior and Social Capital in Metropolitan Areas and Non-metropolitan Areas: Focusing on the Interaction between Formal and Informal Sectors.
- M.Sc. He, Pengfei (2026): A Study on Factors Influencing Participation in Local Environmental Conservation Activities: A Case Study of the Kada, Tomogashima, and Isonoura Areas in Wakayama City.
- M.Sc. Kumamoto, Sae (2026): Decision-making Processes for the Realization and Continuation of Dual-residence: Based on Cases in Niigata Prefecture and the Tokyo Metropolitan Area.
- M.Sc. Narita, Yuki (2026): The Pilgrimage Structure of Shokoku Ichinomiya Formed by Practitioners and Institutional Actors.
- M.Sc. Saito, Miu (2026): Decision-making Processes of Stakeholders Involved in the Installation of Public Art in Tennoz Isle.
- M.Sc. Seki, Kazuki (2026): Changes in Urban Vitality Accompanying the Transformation of Urban Functions in the City Center of Mito.
- M.Sc. Ueyama, Ryuto (2026): Analysis of Constraints on the Use of Childcare Services in the Suburbs of Tokyo: Focusing on Adjustments in Utilization Behavior.
- M.Sc. (M) Hong, Haoqi (2026): A Study on Economic Revitalization of Underdeveloped Regions Through the Utilization of Large-scale Competition Venues: A Case Study of Genting Snow Park and the National Ski Jumping Centre in Chongli District, Zhangjiakou City.
- M.Sc. (M) Iwamatsu, Hayate (2026): The Landscape of a Slope City Formed by Light: The Moun Relationship Between Nighttime Lights and Land Use in Nagasaki City.
- M.Sc. (M) Kato, Ayaka (2026): Creation of a Relational Population Utilizing Regional Resources: A Case Study Around the Kumano Kodo Nakahechi Route in Tanabe City, Wakayama Prefecture.
- M.Sc. (M) Kuroda, Soma (2026): A Study on the Motivation for Foothills Tourism among Mount Fuji Climbers.
- M.Sc. (M) Ma, Chenhao (2026): A Study on the Role of Indigenous Tourism in the Promotion of Ainu Culture: A Case Study of Shiraoi Town.
- M.Sc. (M) Matsukane, Yuko (2026): Mountaineering Education in Taiwan before and after the "Open Mountain and Forest" Policy: Safety Management and Environmental Conservation Based on People's Responsibilities.

[b] Regional Geography

- M.Sc. Ichikawa, Shunsuke (2026): Survival Factors of an Industrial District after Flood Damage from the Perspective of Decision-making Process of Enterprises to Stay or Leave: A Case Study of the Koriyama Central Ironworks Industrial Park, Which was Damaged by Typhoon Hagibis in 2019.
- M.Sc. Igarashi, Tougo (2026): Sustainability of Traditional Fisheries under Economic Development in Penang State, Malaysia: An Environmental Justice Perspective.
- M.Sc. Jin, Boshan (2026): A Study on Regional Images of Tokyo's Special Wards as Perceived by Chinese Residents.
- M.Sc. Kamidoi, Hayato (2026): Transformation of Commercial Areas Accompanying the Adoption of Cashless Payments by Merchants: A Case Study of Shibuya City, Tokyo.
- M.Sc. Liu, Zetong (2026): A Study on Migration Behavior and Settlement Intentions of Chinese "New Newcomers" in the Tokyo Metropolitan Area: Focusing on the Redefinition of Permanent Residency.
- M.Sc. Shimura, Ryuto (2026): Functions for Maintaining Rural Communities Viewed through the Economic Activities of Migrants: A Case Study of the Former Kakinoki Village Area, Shimane Prefecture.
- M.Sc. Tanaka, Hibiki (2026): Changing Factors of Commuter Flows to Suburban Employment Centers: A Case Study of the Southeastern Suburbs in the Tokyo Metropolitan Area.
- M.Sc. Zhang, Hanning (2026): Reconstruction Process in Disaster-Affected Areas from the Perspective of Road Restoration: A Case Study of Wajima City, Ishikawa Prefecture.

[c] Spatial Information Science

- D.Sc. Zhang, Haoran (2026): Mapping Long-term Changes of Impervious Surface Area in Indonesia (2003 – 2021).
- D.Sc. Mailisu (2026): Mapping Long-term Changes of Impervious Surface Area in Indonesia (2003 – 2021).
- D.Sc. Pan, Yi (2025): Analysis of the Impact of Parks on Urban Heat Island Effect Using Remote Sensing and ENVI-met Microclimate Analysis: A Case Study in Shanghai, China.
- M.Sc. Cheng, Ka Yuen (2026): Heat Stress Mitigation Effects of Urban Green-Blue Infrastructure in High-Density City.
- M.Sc. Hasebe, Shun (2026): Urban Impacts on Precipitation over the Greater Ho Chi Minh City Metropolitan Area under a Pseudo-Global Warming.
- M.Sc. Ishizuka, Shogo (2026): Temporal variability of Tsurushi clouds on the leeward side of Mt.Fuji.
- M.Sc. Kato, Manaka (2026): Observational Study on the Formation Characteristics and Spatiotemporal Structure of Waterfall Cloud at Shiori Pass.
- M.Sc. Matsumoto, Gen (2026): Evaluation of Heat Stress Environments on Artificial and Natural Turf Grounds Based on Surface Meteorological Observations.
- M.Sc. Tomiyama, Shota (2026): Valuating the Heat Mitigation Effect of Mist Spraying Thermal Environment in Real Urban Districts Using the City-LES Model.
- M.Sc. Watanabe, Shiori (2026): Temporal Characteristics of Cap Clouds around Mt. Fuji.
- M.Sc. Yamaguchi, Ai (2026): Analysis of Fog Classification by Meteorological Conditions and Temporal Characteristics at New Chitose Airport.
- M.Sc. Yoshikawa, Megumi (2026): Dynamics of the local wind "Arakawa-dashi" in Niigata.
- M.Sc. Yoshikawa, Tomoyasu (2026): Mechanisms of the "Fuden-Oroshi" in Mie Prefecture.
- M.Sc. Sato, Ichiya (2026): Detection of Red Tides in Ariake Sea Using Satellite Data.

- M.Sc. Xian, Lai (2026): Assessment of Watershed Function Health in China Using Impervious Surface Area Percentage as an Index.
- M.Env. Hatano, Fumito (2026): Trends in Impervious Surface Area in Japan and Its Relationship with Air Temperature.
- M.Env. Jiang, Chunyi (2026): Comparison of Suspended Particulate Matter Concentration Estimation Methods Using the GLORIA Dataset.
- M.Env. Zhula (2026): Analysis of Long-term Land Use Changes in the Horqin Sandy Region of Inner Mongolia Autonomous Region, China.

[d] Hydrologic Sciences

- D.Sc. Adachi, Ikuya (2026): A Study on Global Dynamic Precipitation Isoscapes: Numerical Modeling and Evaluation of Influencing Factors.
- M.Sc. Guo, Rinze (2026): Evaluation of Interannual Variation in Snowmelt Runoff Components by Isotope-Optimized Runoff Model.
- M.Sc. Kawauchi, Kohta (2026): Predictability of drought using field observation data in Central Mongolia.
- M.Sc. Tanaka, Rei (2026): Estimation of recharge areas for meteoric water in hot springs using groundwater flow models.
- M.Sc. Nakajima, Keito (2026): Elucidation of Groundwater Flow Systems in the Kussharo Caldera Peripheral Area.
- M.S.E.Sc. Nakata, An (2026): Rainfall-Runoff Process in a Forested Headwater Catchment, Humid Tropical Region, Malaysia.
- M.S.E.Sc. Okubo, Satoru (2026): Groundwater Governance in Malaysia.
- M.Env. Miura, Mugiho (2026): Groundwater Flow at the Boundary between Upland and Lowland, Tokyo, Japan.

[e] Atmospheric Science

- M.Sc. Sakamoto, Reina (2026): Prediction skill and key signals of the East Asian winter monsoon variability.
- M.Sc. Sawa, Yuka (2026): Relationship between variability of sea ice in the southern Sea of Okhotsk and the East Sakhalin Current.
- M.Sc. Gamo, Sayuki (2026): Dynamical Drivers and Predictability of Heatwaves in Southeastern Australia.

[f] Geomorphology

- M.Sc. Miyoshi, Nanoka (2026): Development of channel network and activity of deep-seated landslides: A case study in southern Akaishi Mountains, Japan.
- M.Sc. (M) Kamakura, Kyohei (2026): Topographic analysis of bare ground distribution on the snowy mountains around the Niigata Prefecture border.
- M.Sc. (M) Hamano, Mone (2026): Geomorphic process connectivity within a landslide in the Southern Japanese Alps, revealed by UAV Structure-from-Motion Photogrammetry.

[g] Environmental Dynamics

- M. Sc. Nagata, Yutaro (2026): ^{137}Cs Outflow Mechanisms in a Forested Headwater Catchment through Litter Removal.
- M. Sc. Wang, Hao (2026): The Influence of Canopy Characteristics on the Migration of ^{137}Cs in Fukushima Forest.

Research Activities

[a] Human Geography

Research grants

Kubo, T. (2023-2027): Geographical contribution to achieve solutions for an increase in problematic vacant housing using multi-scale approach. Grant-in-Aid for Scientific Research (B), JSPS, JPY 18,460,000.

_____ (2023-2028): Establishment of more comfortable urban environmental models for everybody: through a conversion of geography and life and death studies. Grant-in-Aid for Challenging Research (Pioneering), JSPS, JPY 25,740,000.

Matsui, K. (2023-2026): A Study on the Sustainability of Local Communities from the Viewpoint of Lifestyle Migrants' Residence Preference. Grant-in-Aid for Scientific Research (B), JSPS, JPY 18,460,000.

[b] Regional Geography

Research projects

Kureha, M., Tsutsumi, J. and Yamashita, A. (2025-2027): Geographical studies on regional ecology in Nagano City and the surrounding region.

Tsutsumi, J. (2025-2026): Investigation of social networks among working holiday makers in the Perth Metropolitan Area, Australia.

Research grants

Kureha, M. (2023-2026): The Foundation for the viability of local communities viewed through the residential preferences of lifestyle-oriented migrants. Grant-in Aid for Scientific Research (B), JSPS (PI: Matsui, K.), JPY 300,000.

Tsutsumi, J. (2025-2027): Japanese diaspora who decided not to return to Japan - working holidays and entrepreneurship. Grant-in-Aid for Challenging Research (Exploratory), JSPS, JPY 6,240,000.

Yamashita, A. (2022-2026): Study on spatio-temporal dynamism of Korean local cities toward local revitalization. Grant-in Aid for Scientific Research (B), JSPS (PI: Kaneko, J., Ehime Univ.), JPY 270,000.

[c] Spatial Information Science

Research projects

Kusaka, H. (2023-2028): JSPS KAKENHI, Seamless understanding of nonlinear meteorology-chemistry processes based on multifaceted observations using low-altitude isolated peaks, (collaborated with Chief researcher M. Kazino).

_____ (2023-2025): Environment Research and Technology Development Fund (ERTDF), Environmental Restoration and Conservation Agency (ERCA), Creation of a climate change vulnerability atlas of heat, strong winds and snow for major cities across Japan, (collaborated with Prof. M. Inatsu).

Matsushita, B. (2011-): Monitoring water environment change and analyzing its driving factors in inland waters by remote sensing technique, project with Research Center for Limnology, LIPI, Indonesia.

_____ (2017-): Remote estimation of phytoplankton primary production in various waters by integrating a semi-analytical model with a machine learning algorithm, project with Dr. Wei Yang (Center for Environmental Remote Sensing, Chiba University).

_____ (2020-): Seamless retrievals of water quality parameters from Sentinel-2 (MSI) and

Sentinel-3 (OLCI) in inland and coastal waters by a machine-learning approach, project with Dr. Nima Phalevan (NASA Goddard Space Center).

_____ (2021-): Semi-analytically retrieving inherent optical properties for inland and coastal waters from remote sensing reflectance, project with Dr. Dalin Jiang (University of Stirling, UK).

Morimoto, T. (2021-): Abandonment and Mitigation of Agricultural Farmland in Sri Lanka and Japan. under JSPS grant.

_____ (2024-2026): Scenario Modeling of Wetland Ecosystem Services in Global Megacities and Potential Solutions. a project with Dr. Athukorala, Sumudu Darshana under JSPS grant.

Research grants

Kusaka, H. (2024-2027): Interactions Between Extreme Heat, Short-Duration Heavy Rainfall, and Urban Heat Islands in Rapidly Developing Southeast Asian Cities, JSPS KAKENHI, JPY 900,000 (2025).

_____ (2023-2027): Seamless understanding of nonlinear meteorology-chemistry processes based on multifaceted observations using low-altitude isolated peaks, JSPS KAKENHI, JPY 6,000,000 (2025).

_____ (2025-2028): Development of a pinpoint estimation method for field air temperature using high-resolution geographical information and heat transport models, JSPS KAKENHI, JPY 800,000 (2025).

_____ (2023-2025): Creation of a climate change vulnerability atlas of heat, strong winds and snow for major cities across Japan, ERTDF, ERCA, JPY 6,000,000 (2025).

Matsushita, B. (2024-2029): Establishing a global lake water quality monitoring method by combining semi-analytical models and machine learning. Grant-in Aid for Scientific Research (B), JPY 18,590,000.

_____ (2025-2028): Understanding Land Surface and Vegetation Characteristics Using Satellite Measurements (Development of methods for medium-term forecasting of Asian dust, assessing economic impacts, and formulating source control measures by integrating numerical models, field surveys, and satellite measurements), Environment Research and Technology Development Fund, JPY 1,200,000.

Morimoto, T. (2024-2026): Scenario Modeling of Wetland Ecosystem Services in Global Megacities and Potential Solutions. Grant-in-Aid for Scientific Research for JSPS Research Fellows (International Research Fellow), JSPS, JPY 1,500,000 (2025).

_____ (2023-2025): Sustainable Systems of Rural Areas and Farmland in Japan and Sri Lanka: Focusing on Abandonment and Reuse of Farmland. Grant-in-Aid for Scientific Research (C), JSPS, JPY1,200,000 (2025).

Awards

Zhang, Haoran (2025): Conference Paper Award in Autumn Conference 2025, Japan Society of Photogrammetry and Remote Sensing.

[d] Hydrologic Sciences

Research projects

Asanuma, J. (2014-): Hydro-Meteorological studies with Multi-satellite sensors and Multidimensional approaches at Mongolian Grassland (Hydro4m, JAXA G-COM Research Announcement).

Research grants

Tsujimura, M. (2019-): Groundwater Flow System in Tokyo Area. (Tokyo Metropolitan Government)

_____ (2025): Groundwater Flow System in Headwater area. (Institute of Water Science,

Suntory Holdings Limited)

Yamanaka, T. (2024-2028): Spatiotemporal High-Resolution Water Isotope Data Infrastructure and Archipelago-Scale Water Cycle Analysis. Grant-in-Aid for Scientific Research (B) of the Japan Society for the Promotion of Science.

_____ (2025-2026): Tracing water cycle with temporally high-resolution precipitation isoscape model. India-Japan Circulation of Talented Youths in Science Programme.

Awards

Yamanaka, T., Adachi, I. (2025): The 2025 Japan Society of Hydrology and Water Resources Excellent Article Award.

[e] Atmospheric Science

Research projects

Ueda, H. (2012-2029): Joint research with the Meteorological Research Institute on climate variation and models (Japan Meteorological Agency).

Doan, Q.V. (2021-2027): Joint research within CORDEX Europe: URBan environments and Regional Climate Change (URB-RCC) (WRCP/WMO).

_____ (2022-2025): Joint research within project “Climatic hazard assessment to enhance resilience against climate extremes for Southeast Asian megacities (CARE for SEA megacities)” (Asia-Pacific Network for Global Change Research).

_____ (2024-2026): Joint research with the Center for Environmental Science in Saitama on urban extreme rainfall simulation (Centre for Environmental Science in Saitama).

_____ (2024-2027): Joint research within CORDEX Task Force on Machine Learning (WRCP/WMO).

_____ (2024-2029): Joint research with the University of Queensland (Australia) on weather and dengue prediction (University of Queensland).

_____ (2024-): Joint research with “The Big Data for Smart Society Institute (GATE)” of Sofia University (Bulgaria) on urban digital twins (Sofia University).

Kamae, Y. (2018-2029): Joint research with the Meteorological Research Institute on climate variation and models (Japan Meteorological Agency).

Research grants

Okajima, S. (PI: Okajima, S.) (2022-2026): Distinct seasonal characteristics and variability mechanisms of south-coast cyclones. Grant-in-Aid for Early-Career Scientists, JSPS, JPY 4,680,000.

_____ (PI: Nakamura, H.) (2022-2026): A novel atmospheric circulation dynamics approach using an innovative diagnostic method to evaluate the behavior of atmospheric vortices by polarity. Grant-in-Aid for Scientific Research (B), JSPS, JPY 2,800,000.

_____ (PI: Kosaka, Y.) (2024-2029): Frequent atmospheric and oceanic heatwaves and persistent cold spells. Grant-in-Aid for Transformative Research Areas (A), JSPS, JPY 5,000,000.

Ueda, H. (PI: Ueda, H.) (2021-2026): Physical processes involved in the formation and fluctuation of the Baiu front. Grant-in-Aid for Scientific Research (B), JSPS, JPY 17,030,000.

_____ (PI: Harada, M.) (2021-2027): Origin and evolution of multicellularity in cyanobacteria and its impact on biogeochemical cycles. Grant-in-Aid for Scientific Research (B), JSPS, JPY 1,170,000.

_____ (PI: Honda, M.) (2024-2028): The Sea of Okhotsk is the weather and climate regulator of Japan. Grant-in-Aid for Scientific Research (B), JSPS, JPY 1,625,000.

_____ (PI: Ueda, H.) (2024-2029): Past 2,000 years of paleoclimate reconstruction using climate modeling. Grant-in-Aid for Transformative Research Areas (A), JSPS, JPY

152,700,000.

- _____ (PI: Nakagawa, T.) (2024-2029): The past, present, and future of "misbehaving climate" and humans. Grant-in-Aid for Transformative Research Areas (A), JSPS, JPY 1,007,500.
- Doan Q. V. (PI) (2025-2026): Integrated Urban Climate, Weather and Environment Systems for Climate-smart and Resilient Cities (IUC4CRC) – Thailand Study project, Funded by the World Meteorological Organization, JPY 8,931,000.
- _____ (PI: Kawano, N.) (2024-2027): Development of refined urban heavy rain models and low-uncertainty prediction technology. Environmental Research and Technology Development Fund (Ministry of the Environment, Japan), JPY 1,100,000.
- _____ (PI: Kajino, M.) (2025-2028): Development of a fast and accurate aerosol-cloud interaction model for climate change prediction. Environmental Research and Technology Development Fund (Ministry of the Environment, Japan), JPY 1,500,000.
- _____ (PI: Phung, T.) (2024-2029): A user-friendly digital prediction tool for dengue prevention. UK Wellcome Trust Fund Discretionary Award, UK, JPY 9,000,000.
- Kamae, Y. (PI: Sato, T.) (2024-2028): Predictability of extreme weather events in Japan under changing monsoon conditions. Grant-in-Aid for Transformative Research Areas (A), JSPS, JPY 109,460,000.
- _____ (PI: Kamae, Y.) (2025-2027): Analysis of synoptic fields and teleconnection patterns for the development of an atmospheric river dataset. Grant-in-Aid for Scientific Research (C), JSPS, JPY 3,640,000.
- _____ (PI: Tachibana, Y.) (2025-2029): The new trends in climate change research: Global warming leads to splits of the Arctic cold air mass and its outbreak to the mid-latitudes. Grant-in-Aid for Scientific Research (A), JSPS, JPY 46,280,000.

Awards

- Sakamoto, Reina (2025): Matsuno Award in Autumn Meeting 2025, Meteorological Society of Japan.
- Sakamoto, Reina (2026): Dean's Award in Degree Programs in Life and Earth Sciences, University of Tsukuba.
- Sawa, Yuka (2025): Matsuno Award in Autumn Meeting 2025, Meteorological Society of Japan.
- Ueda, Hiroaki (2025): Awards for Science and Technology (Science and Technology Promotion Category), the Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology, Japan.
- Kamae, Youichi (2025): Significant contributions to science and technology 2025, National Institute of Science and Technology Policy, the Minister of Education, Culture, Sports, Science and Technology, Japan.
- Okajima, Satoru (2025): Japan-UK Fellowship (UK Early Career Research Fellowship at the University of Reading), University of Reading.

[f] Geomorphology

Research projects

- Hattanji, T. (2023-): Educational dissemination of traditional flood disaster knowledge using the Eco-DRR digital database, project with Ogura, T. (Hyogo University of Teacher Education)
- Ikeda, A. (2008-): Permafrost monitoring on Mt. Fuji, project with Iwahana, G. (IARC-UAF), Imaizumi, F. (Shizuoka Univ.)
- _____ (2017-): Geomorphological study on moor, grassland and shrub in a subalpine zone on heavily snow-covered mountains, project with Sasaki, N. (Meiji Univ.).
- Parkner, T. (2014-): Gully erosion on unstable hillslopes in the East Coast Region, North Island, New Zealand.

- _____ (2017-): Interaction of weathering, water erosion and landsliding in the Yahata Okuzure, Hokkaido, project with Hattanji, T. (Univ. of Tsukuba)
- Sekiguchi, T. (2007-): Self-organization of 3D-patterned bedforms under complex oscillatory flow.
- _____ (2010-): Study on ripple transition under unsteady oscillatory flows.
- _____ (2013-): An experiment on sedimentary process of onshore tsunami deposit, project with Yamaguchi, N. (Ibaraki Univ.)

Research grants

- Parkner, T. (2024-2027): Sediment connectivity in large landslides based on quality-maximized digital elevation models derived from historical aerial photography and UAV imagery. Grant-in-Aid for Scientific Research (C), JSPS, JPY 4,550,000.
- Takanami, S. (2024-2026): Clarification of the fluvial processes and landforms in a basin after the deposition of large-scale pyroclastic flows. Grant-in-Aid for Early-Career Scientists, JSPS, JPY 800,000 (2025).

Awards

- Kinoshita, N. (2025): JpGU 2025 Outstanding Student Presentation Award.

[g] Environmental Dynamics

Research projects

- Onda, Y. (2015-): Study on Elucidation and Modeling of Migration Mechanism of Radioactive Cesium Accumulated in Forest and Soil. Contact Research Project with Japan Atomic Energy Agency (JAEA).
- _____ (2023-): CRP K41023: Improving external dosimetry for terrestrial animals and plants. IAEA.
- Igarashi, Y. (2024-): Methods for Radiological and Environmental Impact Assessment. IAEA.

Research grants

- Onda, Y. (2015-): Environmental Radioactivity Surveys for the Management of Radiation Doses in Forest Areas. Contact Research Project with Japan Atomic Energy Agency (JAEA), JPY 15,000,000 (2025).
- _____ (2019-): Advanced research to elucidate the dynamics and effects of environmental radioactivity. Contract Research Project, IER at Fukushima University FY2020 Collaborative Research Promotion Program, JPY 1,500,000 (2025).
- _____ (2019-): Measurement and modeling of radioactive runoff in forests and water systems. Joint Research Project, Fukushima University, JPY 1,500,000 (2025).
- _____ (2022-2027): Environmental Radiactivity Research Network Center (ERAN), JPY 32,453,000 (2025).
- _____ (PI: Kuwana, K.) (2025): Comprehensive Research on the 2025 Ofunato Wildfire. Grant-in-Aid for Special Purposes, Japan Society for the Promotion of Science JSPS, JPY 700,000 (2025).
- Takahashi, J. (2024-2026): Does forest thinning lead to downward migration of radiocesium and a decrease in air dose rates? Grant in Aid for Scientific Research (C) (General), JSPS, JPY 1,200,000 (2025).
- _____ (PI: Kuwana, K.) (2025): Comprehensive Research on the 2025 Ofunato Wildfire. Grant-in-Aid for Special Purposes, Japan Society for the Promotion of Science JSPS, JPY 700,000 (2025).
- Tsumune, D. (2024/12-2025/9): Study on the Migration Pathways of Radioactive Materials from the 1F Site and Adjacent Areas. Contact Research Project with Tokyo Electric Power Company Holdings, Inc., JPY 10,972,000.

- _____ (2025/10-2026/9): Study on Radioactive Material Release Pathways into the Marine Environment. Contact Research Project with Tokyo Electric Power Company Holdings, Inc., JPY 10,960,000.
- _____ (2025-2027): Elucidation of Radionuclide Release Pathways via Submarine Groundwater Discharge and Validation Using a High-Resolution Ocean Model, Grant-in-Aid for Scientific Research (B) of the Japan Society for the Promotion of Science, JSPS, JPY 3,800,000 (2025).
- _____ (PI: Takata, H.) (2025-2029): Visualization of Tritium Cycling from the Vicinity of Nuclear Power Plants to the North Pacific to Promote Public Understanding of Treated Water Discharge, Grant-in-Aid for Scientific Research (A) of the Japan Society for the Promotion of Science, JSPS, JPY 300,000 (2025).
- _____ (2025): Environmental Impact Assessment Based on Marine Dispersion Analysis for an Offshore Pilot Test Aimed at Developing New Geological Storage of Carbon Dioxide (CO₂), Contact Research Project with Electric Power Development Co., Ltd. (J-POWER), JPY 2,750,000.
- _____ (2025): Comparison of Database Records and Model Simulations of Radionuclide Concentrations in the Marine Environment, Collaborative Research with the Central Research Institute of Electric Power Industry, JPY 1,200,000.
- Igarashi, Y. (PI: Kuwana, K.) (2025): Comprehensive Research on the 2025 Ofunato Wildfire. Grant-in-Aid for Special Purposes, Japan Society for the Promotion of Science JSPS, JPY 1,000,000 (2025).
- _____ (PI: Tsuji, H.) (2024-2026): Formation mechanism of ¹³⁷Cs concentration in river water at the boundary area between forest and agricultural lands. Grant-in-Aid for Scientific Research (C) of the Japan Society for the Promotion of Science, JSPS, JPY 300,000 (2025).
- Kato, H. (2024-2026): Why Do Regional Differences in Forest Radiative Activity Occur? Analysis Based on Water and Organic Matter Cycling Fluxes. Grant-in-Aid for Scientific Research (B) of the Japan Society for the Promotion of Science, JSPS, JPY 7,150,000 (2025).
- _____ (PI: Murakami, S.) (2025-2029): Study on the mechanism of rainfall interception and enhancement of forest flood mitigation function. Grant-in-Aid for Scientific Research (B) of the Japan Society for the Promotion of Science, JSPS, JPY 3,700,000 (2025).
- _____ (PI: Kuwana, K.) (2025): Comprehensive Research on the 2025 Ofunato Wildfire. Grant-in-Aid for Special Purposes, Japan Society for the Promotion of Science JSPS, JPY 700,000 (2025).

Award

- Takahashi, Junko (2025): Award from the Division of Health Physics and Environmental Sciences, Atomic Energy Society of Japan.
- Godse Nimish Sudhir (2025): Young Researcher Outstanding Presentation Award at the 62nd Annual Meeting on Radioisotopes and Radiation Research.