

**2024 GEDES Spring Interim Presentation for Master Course**

9:00–10:30 March 29 (Fri), 2024, online

15 minutes each (5' presentation, 5' discussion with students, 5' discussion with faculty)

Group A		Group B		Group C		Group D		Group E		Group F		Group G	
Presenters	Professors	Presenters	Professors	Presenters	Professors	Presenters	Professors	Presenters	Professors	Presenters	Professors	Presenters	Professors
Shibuya	Kinouchi	Yokoyama	Yamashita	LIU	Kanda	Chinzorig	Nohara	WANG	Takada	Matsuta	Murayama	Yamakita	Kasai
YUE	Takasu	Yamamoto	Tokimatsu	YUAN	Takahashi (K)	Nagata	Nishikizawa	Takahashi	Hanaoka	Qin	Takagi	Ida	Cross
Akita	Akita	Leelaworaset	Alvin	Kawakami	Egashira	Kitajima	Nakamura (恭)	Suyama	Takahashi (F)	Hirabayashi	Murakami	JIN	Nakamura (隆)
Watanabe	Sugishita	Hirade	Zhu	Ma	Song	Yao	Tsuji	Ishigaki	Kanae	Nakagawa	Habaki	Qi	Pasomporn
Tanaka		Gao	Sasipa	Kanetake	Choi	Hayakawa	Suwanteep	Sekiya	Inagaki	JIANG		Fujimaki	
Kanamaru		Watanabe		XING		Hashimoto		Tsutsumi		Izawa		Wakita	

List of Presentations

ID	Family	First	Presentation Title	Supervisor	Group
23M51663	Shibuya	Yuka	Life Cycle Assessment of Environmental Sustainability of Dairy Products	Tokimatsu	
23M52013	YUE	YANG	Sensing of Multiple Persons by Using 5G Mobile Phone Signal	Takada	
23M51580	Akita	Kosuke	The changes over time in observed wind speeds and wind spectrum in the atmospheric boundary layer	Kanda	A
23M51864	Watanabe	Akiko	The root growth model of <i>Rhizophora stylosa</i> in Fukido, Ishigaki island	Nakamura (隆)	
23M51700	Tanaka	Shoma	VR空間によるアイデンティティ統合効果とリーダーシップへの応用	Nohara	
23M51634	Kanamaru	Manaka	Regional dispersal and sustainable tourism transportation in Japan	Hanaoka	
23M51841	Yokoyama	Shota	Influence of perception to onshore wind turbines existing in coastal areas on the acceptance of offshore wind power	Nishikizawa	
23M51835	Yamamoto	Namiki	Study on sweeping away cars in narrow alley by tsunami wave using a coupled human fluid numerical simulation.	Nakamura (恭)	
23M51960	Leelaworaset	Woratat	Prescriptive analysis for flight delays in Japan's domestic air transport network	Hanaoka	B
23M51775	Hirade	Daiki	Evaluation of the power generation characteristics of micro wind turbine	Kanda	
23M51953	Gao	Jingya	Adsorption of Phenol and Lignin in Palm Oil Mill Effluent Using Activated Carbon Prepared from Palm Kernel Shell	Egashira	
23M51870	Watanabe	Hiroya	Creation of porous organic materials exhibiting high-performance CO2 adsorption properties	Murakami	
23M51982	LIU	YING	Investigating the dynamics of the urban-climate effect by comparing past and present state of urban agglomerations	Alvin	
23M52020	YUAN	YANG	Real-time Urban Flood Forecasting within the SWMM Framework	Kinouchi	
23M51640	Kawakami	Yuichi	Elucidation of water absorption mechanism from seagrass roots and limiting factor of vegetation distribution	Nakamura (隆)	C
23M51893	Ma	Wenzhuo	Survey analysis of impact of evacuation signage on inbound tourists in Japan	Hanaoka	
22M51690	Kanetake	Kohei	Guided filter with Gaussian weights	Yamashita	
23M51947	XING	YIPENG	Facilitating Personalized Online Learning of Linear Algebra Concepts using Large Language Models	Cross	
23M51918	Chinzorig	Anand	Removal of Arsenic and Co-existing Metal from Water by Adsorption Using Activated Carbon Prepared from Cattle Manure	Egashira	
23M51730	Nagata	Shikan	Structural Investigation of Metal-supported Solid Oxide Electrolysis Cell for Carbon Dioxide Conversion	Takasu	
23M51657	Kitajima	Kazuki	Assessing the hydrologic impacts of change in geographic characteristics on multi-decade basis in the Tsurumi River basin	Kinouchi	D
23M52036	Yao	Jinhui	Tourist movement patterns in Tokyo: A network analysis of TripAdvisor reviews	Hanaoka	
23M51769	Hayakawa	Takahiro	Accelerating Numerical Flow Analysis Models and Examining Flow Dynamics Altered by Historical Topographical Transformations	Nakamura (恭)	
23M51752	Hashimoto	Teru	Content analysis of stakeholders' opinions in Japanese environmental impact assessment procedure	Murayama	
22M51996	WANG	KEYU	Dimensionality Reduction using Local Metric Preserving Learning	Yamashita	
23M51692	Takahashi	Kota	観光地域づくり法人の活動実態に基づく地域類型化	Abe	
23M51670	Suyama	Kento	Effectiveness of ordinances regarding maintenance and disposal of solar power generation equipment	Nishikizawa	E
23M51605	Ishigaki	Shiho	Computational fluid dynamics simulation of tree effects on pedestrian wind comfort within urban environment	Kanda	
23M51686	Sekiya	Mitsuna	Construction and update of distributed present and future anthropogenic emissions backed by SSPs	Alvin	
23M51717	Tsutsumi	Yusuke	Development of an AI-Powered Journaling Tool for Enhancing Emotional Intelligence	Nohara	
23M51812	Matsuta	Haruka	Observation of scale effect on surface temperature and area	Kanda	
23M51976	Qin	Zili	Health Impact Assessment Considering Sleep Disturbance, Psychological Distress, and Annoyance due to Wind Turbines in China	Nishikizawa	
23M51781	Hirabayashi	Kazuki	Reconsideration of waste disposal and separations rules in Japan from foreign students' perspectives	Abe	F
23M51723	Nakagawa	Yuuri	Modal analysis of international cargo flows using multilayer networks	Hanaoka	
23M52007	JIANG	CONGRONG	Improving spatial modeling of urban parameters with the use of CityGMLs	Alvin	
23M51597	Izawa	Sakino	Improvement of Landslide Prediction Accuracy based on Soil Moisture Index	Kinouchi	
23M51829	Yamakita	Jun	Propagation of shocks in firm-level global supply-chain networks	Hanaoka	
23M51611	Ida	Ryota	Acceptance of Solar-Sharing Projects Promoting Community Involvements	Nishikizawa	
23M51924	JIN	XIAO	Numerical Investigation of Climate Change and Urbanization Effects across Three Cities of Varying Climate Backgrounds	Alvin	G
23M51999	Qi	Shuran	Dam inflow forecasting in Diverse Regions of Japan using Long Short-Term Memory	Kinouchi	
23M51806	Fujimaki	Minori	Observation of the wind flow on the surface of Mt. Fuji using TIV	Kanda	
23M51858	Wakita	Natsuki	The use of cloud top height distribution information in cloud water content estimation	Kanae	