



2nd Joint laboratory seminar on sustainable and green society

25-27 July 2023

Venue:

Chikushi Campus,

Kyushu University

Japan

Workshop Program

First Day (July 25 th , 2023) Building G, EES laboratory		
14:00-16:00	Idea exchange on future collaboration	Professors
Second Day (July 26 th , 2023) D103 E-learning Room in Building D		
10:15-10:30	Welcome Remarks	Assoc. Prof. Hooman Farzaneh
Session I (Energy and Environmental Systems (EES)) Laboratory Moderator: Prof. McLellan		
10:30 – 10:45	Energy-efficient lane-change motion planning for personalized autonomous driving	Nie Zifei
10:45 – 11:00	Quantifying the climate co-benefits of hybrid renewable power generation in Indonesia: A multi-regional and technological assessment	Mohamed Suliman
11:00 – 11:15	Integrated life cycle environmental-cost assessment of carbon capture, utilization, and storage (CCUS) for the natural gas combined cycle power plant, considering the impact of oil and carbon market prices	Rudha Khudhair Mohammed
11:15-11:30	Q&A	Moderator & Presenters
11:30-11:45	Break	
Session II (Energy Economics Research (EER))Laboratory Moderator: Prof. Eiji Yamasue		
11:45-12:00	Evaluation of biodiesel policy in Indonesia: system dynamics approach	Qinan Soesanto Maulana
12:00-12:15	Evaluation of the “Shift” and Improve” Strategies in Achieving Sustainable Urban Transportation	Teuku Naraski Zahari
12:15-12:30	LCA- Sustainable Coffee Production Through Three-Wave Coffee Challenges Towards Industrial Ecology	Andik Irawan:
12:30-12:45	Q&A	Moderator & Presenters
12:45-14:00	Lunch	
Session III (Energy Science & Sustainability (ESS))Laboratory Moderators: Assoc. Prof. Shoki Kosai and Assist. Prof. Kashiwakura		
14:00-14:15	Socio-Economic impacts of changing flight paths due to the war in Ukraine	Rhea Bridgeland and Janet Zhang
14:15-14:30	Exploring the effect of key compact urban developments on carbon dioxide emissions: Empirical research in China	Alice Fan
14:30-14:45	A Study on the Impact of Green Financial Policy on Carbon Emissions Reduction in China	Xu Yina
14:45-15:00	Q&A	Moderator & Presenters
15:00-15:30	Break	
Session IV (Energy and resource circulation (ERC))laboratory Moderator: Assoc. Prof. Andrew Chapman		
15:30- 15:45	Reducing Natural Resource Consumption through the Reuse of Auto Parts: A Perspective on Mining Activities	Taisuke Umesaki
15:45- 16:00	Elemental phosphorus production from steel slag using silicon sludge	Haruki Okamura
16:00-16:15	Producing Hydrogen from Plastics Waste by Microwaves	Ami Okamoto
16:15-16:30	Q&A	Moderator & Presenters
16:30-17:00	Wrap-up session	Professors
17:30-19:30	Dinner (Sonne restaurant, reception fee 3000 JPY)	All participants
Third Day (July 27 th , 2023) Building G, EES laboratory		

Access to D103 E-learning Room in Building D

