

Kyoto University International **ONLINE** Symposium 2020 on Education and Research in Global Environmental Studies in Asia

Symposium: November 30 (Mon) – December 1 (Tue) 2020
Poster Display: November 23 (Mon) – December 1 (Tue) 2020

Symposium Participation Fee: **Free of Charge**
<https://www2.eip.ges.Kyoto-u.ac.jp/symposium2020>



The Online Symposium is open for everyone to join. Please register on the symposium website (link below) by Nov 23.

<https://forms.gle/rbjW14ErrZgIL6y86>

Then, we will provide detailed information on how to participate in the symposium later (Zoom Link, etc.).

All hours are shown in JST (Japan Standard Time)

Symposium Day 1 (Nov. 30, Mon)

Opening Session (12:00 – 13:30)

		Moderator: Jane Singer (Kyoto Univ.)
12:00 – 12:10	Opening Remarks: Nagahiro Minato, President of Kyoto Univ., Japan Banchong Mahaisavariya, President of Mahidol Univ., Thailand	
12:10 – 12:50	Keynote Lecture: Moving Teaching Online – Kyoto University's Response to COVID-19	Hajime Kita (Kyoto Univ.)
12:50 – 13:30	Keynote Lecture: COVID-19 : Catalyst of the Change in Medical Education and Technological Development	Prasit Watanapa (Mahidol Univ.)

Research Poster Discussion (13:35 – 14:25)

	Room 1 Science & Technology Chair: Nawatch Surinkul	Room 2 Agriculture & Biology Chair: Kenichiro Onitsuka	Room 3 Urban & Rural Planning Chair: Ronniel Diaz Manalo	Room 4 Policy & Economics Chair: Daisuke Naito
13:35 – 13:45	S01 – S05	A01 – A05	U01 – U05	P01 – P05
13:45 – 13:55	S06 – S11	A06 – A11	U07 – U11	P06 – P11
13:55 – 14:05	S12 – S15	A12 – A16	U12 – U16	P12 – P16
14:05 – 14:15	S17 – S22	A17 – A22	U17 – U22	P17 – P22
14:15 – 14:25	S23 – S27	A23 – A27	U23 – U27	P23 – P27

Information Sharing on Post COVID-19 Countermeasures at Universities (14:30 – 16:30)

		Moderator: Jane Singer (Kyoto Univ.)
14:30 – 16:00	Reports of Partner-Universities Introduction of the Session Tsinghua University, China Hanoi University of Science and Technology, Vietnam Mahidol University, Thailand University of Malaya, Malaysia IPB University, Indonesia Banaras Hindu University, India The University of Lille, France Sokoine University of Agriculture, Tanzania	Takeshi Katsumi (Kyoto Univ.) Xiaofeng Wu, Jiane Zuo Huynh Trung Hai Jackrit Suthakorn Yvonne Lim Ai Lian Agus Purwito Akhilesh S. Raghubanshi Christa Fittschen Methodo Kilasara
16:00 – 16:30	Panel Discussion	Chair: Takeshi Katsumi
16:30 – 16:50	Break	

Wrap-up Session (16:50 – 17:30)

		Chair: Hirohide Kobayashi (Kyoto Univ.), Suwanna Kitpati Boontanon (Mahidol Univ.)
16:50 – 17:00	Overview of KU International Symposia on Global Environmental Studies,	Shigeo Fujii (Kyoto Univ.)
17:00 – 17:15	Suggestions about the Future of International Collaboration	Nguyen Thi Anh Tuyet (Hanoi Univ. of Sci & Tech.), Yoshihisa Shimizu (Kyoto Univ.), Ernan Rustiadi (IPB Univ.)
17:15 – 17:30	Plenary Discussion: The Future of International Collaboration and the KU Symposium.	

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– Cultivating Environmental Leaders across ASEAN Region"



Symposium Day 2 (Dec. 1, Tue)

Young Researcher Presentations in Global Environmental Studies (12:30 – 14:00)

12:30 – 14:00	Room 1 'Science and Technology' Chair: Masaki Takaoka (Kyoto Univ.), Yuntao Guan (Tsinghua Univ.) Regional Resource and Energy Circulation by Anaerobic Co-digestion of Wastewater Sludge and Organic Wastes, Taira Hidaka (Kyoto Univ.) Application of Sludge Pretreatment to Enhance the Biogas Production of Disintegrated Sludge: A Case Study in Vietnam, Khac-uan Do (Hanoi Univ. of Sci & Tech) Utilization of Industry By-product for Agriculture Application, Noor Zalina Marmood (Univ. of Malaya) Indium-modified Ga ₂ O ₃ Hierarchical Nanosheets as Efficient Photocatalysts for the Degradation of Perfluorooctanoic Acid, Yuxiong Huang (Tsinghua Univ.)
12:30 – 14:00	Room 2 'Agriculture and Biology' Chair: Mamoru Kanzaki (Kyoto Univ.), Watcharra Chintakovid (Mahidol Univ.) Advanced Utilization of Biomass: Focusing on Nanocellulose & Nanochitin, Yoshikuni Teramoto (Kyoto Univ.) Biosensing Technology for Agriculture, Slamet Widodo (IPB Univ.) Prospective Soybean Research under Climate Change and Ageing Society of Thailand, Sompong Chankaew (Khon Kaen Univ.) Green Pesticide: Tapping to the Promising Roles of Plant Responses towards Extracellular DNA and Secreted RNA, Karlia Meitha (Bandung Institute of Technology) Panel Discussion: Developing Future Collaboration, Eiji Nawata (Kyoto Univ.), Endah Sulistyawati (Bandung Institute of Technology)
12:30 – 14:00	Room 3 'Urban and Rural Planning' Chair: Izuru Saizen (Kyoto Univ.), Andrea Emma Pravitasari (IPB Univ.) Estimation of Sediment Retention and Water Yield in Selected Watersheds in the Philippines Using InVEST, Cristino L. Tiburan Jr. (Univ. of the Philippines Los Baños) Integrated Vegetation Indices and Surface Models for Classifying High Resolution Multispectral Images in Battambang Province, Cambodia, Sanara Hor (Royal Univ. of Agriculture) Possibilities for Rural Revitalization by Maximum Utilization of Regional Resources; New Insights in Japan, Case of a Village in Ehime Prefecture, Izuru Saizen (Kyoto Univ.) Urban Agriculture and Community Development – case study in Thủy Biều ward, Hue city, Thua Thien Hue province, Tran Phuong Nhi (Hue Univ. of Agric & Forest)
12:30 – 14:00	Room 4 'Policy and Economics' Chair: Makoto Usami (Kyoto Univ.), Hoang Hai (Univ. of Danang) Just ETS? How to Make Carbon Markets Truly Sustainable!, Sven Rudolph (Kyoto Univ.) Boundary Crossing: Role of Transdisciplinarity in Environmental Studies, Ria Adoracion A. Lambino (Research Institute of Humanity & Nature) Building a disaster risk communication strategy for tourist destination: The case of Hoi An, Kieu Thi Kinh (Univ. of Danang)

14:00 – 15:00

Break

Methodology for International Collaboration in Education and Research (15:00 – 16:30)

15:00 - 15:06	Session Introduction Shigeo Fujii (Kyoto Univ.) Chair: Shigeo Fujii (Kyoto Univ.)
15:06 - 15:18	Project 1: Small is Beautiful: Lesson Learned of Implementing Peatland Restoration Program with the Villagers Arifudin (Riau Univ.) and Osamu Kozan (Kyoto Univ.)
15:18 - 15:30	Project 2: Student Field Study Program in Japan and Vietnam Introduction of the Student Field Study Program, Chiho Ochiai (Kyoto Univ.) Lessons Learnt from the Student Exchange Program between Hue Univ. and Kyoto from 2006 to 2019, Le Van An (Hue Univ. of Agric & Forest) Experiences of the Study Trip in Vietnam, Hotaka Yutani (Kyoto Univ.)
15:30 - 15:42	Project 3: Wild & Wise Collaborative Learning Programs at Kyoto University - Education Program for Human Resources with Global Views on Environmental Science and Technology Masaki Takaoka (Kyoto Univ.) and Yoo Junyeong (Kyoto Univ.)
15:42 - 15:54	Project 4: GSGES Special Audit Student Program Development and Current Outline of the Special Audit Program, Wen Liu (Kyoto Univ.) Experience and Benefits of Joining GSGES Special Audit Program, Cici Nurfatimah (Kyoto Univ./IPB Univ.) Merit and Expectation of the Special Audit Program, Suwanna Kitpati Boontanon (Mahidol Univ.)
15:54 - 16:06	Project 5: GSA Double Degree Programs Development and Outline of the Double Degree Programs Kyoto, Mamoru Kanzaki (Kyoto Univ.) Development and Outline of the Double Degree Programs IPB, Nurhayati Arifin (IPB Univ.) My Experience as a Double Master's Degree Student, Nutiprapun Prapawadee (Osaka City Univ./Kasetsart Univ.) My Experience as a Double Master's Degree Student, Rista Ardy (IPB Univ.)
16:06 - 16:30	Discussion on International Collaboration in Education and Research

Closing Session (16:40 – 17:35)

16:40 - 17:00	Reports from "Young Researcher Presentations" Sessions Moderator: Roger C. Baars (Kyoto Univ.) Science and Technology (Masaki Takaoka), Agriculture and Biology (Mamoru Kanzaki), Urban and Rural Planning (Izuru Saizen), Policy and Economics (Makoto Usami)
17:00 - 17:20	Reviews of Poster Presentations and Announcement of Awardees in Four Research Fields Science and Technology (Tran Van Quang), Agriculture and Biology (Bunthan Ngo), Urban and Rural Planning (Tran Thanh Duc), Policy and Economics (Phoneasvanh Theppasoulithone)
17:20 - 17:25	Conferment of Excellent Poster Presentation Awards, Takeshi Katsumi (Kyoto Univ.)
17:25 - 17:35	Closing Remarks, Shinya Funakawa (Kyoto Univ.) Nopraenu Sajjarax Dhirathiti (Vice-president, Mahidol Univ.)

Kyoto University International **ONLINE** Symposium 2020 on Education and Research in Global Environmental Studies in Asia

Symposium: November 30 (Mon) – December 1 (Tue) 2020

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Research Poster Session (on the symposium website)

Room1: Science and Technology

Poster Display	(Symposium Website)	Nov. 23 – Dec. 1
Posters Available for Comments from Participants	(Symposium Website)	Nov. 23 – Nov. 30
Poster Discussion	(Zoom)	Nov. 30
(13:35 – 13:45) S01, S02, S03, S04, S05	(13:45 – 13:55) S06, S07, S08, S09, S10, S11	
(13:55 – 13:05) S12, S13, S14, S15, S16	(14:05 – 14:15) S17, S18, S19, S20, S21, S22	
(14:15 – 14:25) S23, S24, S25, S26, S27		
Review of Poster Presentations	(Zoom)	Dec. 1 (17:00-17:05)
Conferment of Poster Awards	(Zoom)	Dec. 1 (17:20-17:25)

S01	Liquid Catalyzed Fuel Cell Using Polyoxometalates and Ferric Chloride as Catalyst for Conversion from Carbohydrates to Electricity	Li Yuting	Tsinghua Univ.
S02	Ammonia-mediated Bromate Inhibition during Ozonation Promotes the Toxicity Due to Organic Byproduct Transformation	Lulin Yang	Tsinghua Univ.
S03	Facile Assembled N, S-codoped Corn Straw Biochar Loaded Bi ₂ WO ₆ with the Enhanced Electron-rich Feature for the Efficient Photocatalytic Removal of Ciprofloxacin and Cr(VI)	Wei, Mao	Tsinghua Univ.
S04	Facet Effects of In ₂ O ₃ on the Photocatalytic Degradation of Perfluorooctanoic Acid	Wenhui, Ding	Tsinghua Univ.
S05	Horizontal and Vertical Distributions of Microplastics in Chao Phraya River Estuary, Thailand	Phyo Zaw Oo	Mahidol Univ.
S06	Evaluation of Fecal Contamination and Exposure Action Research in a Peri-urban Slum in Lusaka, Zambia	Mayu Tsurumi	Kyoto Univ.
S07	Occurrence of Antimicrobial-resistant <i>Escherichia coli</i> in Wastewater Treatment Plants and a Fecal Sludge Treatment Plant in Bangkok, Thailand	Rawiwan Sweattatut	Mahidol Univ.
S08	Risk Assessment for the Mercury Polluted Site near a Pesticide Plant in Changsha, Hunan, China	Haochen, Dong	Kyoto Univ.
S09	Exposure Risk Assessment based on Urinary Bisphenol A Levels in the General Chinese Population	Huang Riping	Kyoto Univ.
S10	Inundation Predictability by Classifying Rainfall Pattern using Machine Learning	Muhammad Izaaz Hazmii Bin Suhaimi	Univ. of Malaya
S11	Sewage Sampling Strategy Reflecting the Fluctuation of Sewage Characteristics During a Day	Ryuichi Watanabe	Kyoto Univ.
S12	Development of Calcium Oxide Impregnated with Silver Nanoparticles as Catalyst for Transesterification of Crude Rice Bran Oil	Febrian Rizkianto	Kyoto Univ.
S13	Decline		
S14	Environmental Friendly Biopolymer Membrane for Wastewater Treatment	Thaneissha A/P Marimuthu	Univ. of Malaya
S15	Introduction of a Friendly Environmental Bio-soil Method for Improvement of Landfill Liner Material	An Thi Phuong Tran	Hue Univ. of Sciences
S16	Decline		
S17	Indoor PM2.5 Associated with Health Risk at Households in Hanoi, Vietnam	Vo Thi Le Ha	Hanoi Univ. of Sci & Tech
S18	GHG Emissions from Septic Tanks in Hanoi: A Comparison between Summer and Winter	Loi Tan Huynh	Kyoto Univ.
S19	The Monitoring of SARS-COV-2 as Airborne Transmission Potential: Case Study Indonesia	Kamarisima	Bandung Institute of Technology
S20	Inactivation of <i>Escherichia coli</i> in Water Using UV Radiation and Combined Ozone Microbubbles/UV Treatments	Dang Thi Thanh Loc	Hue Univ. of Sciences
S21	Study on the Decomposition Efficiency of Sludge from Wastewater Treatment Plant by the Aerobic Stabilization Process	Khoi, Diep Ngoc, Vo	Univ. of Danang
S22	Start-up in Dry Anaerobic Digestion: Effects of Short-term Biodegradability of the Waste and Inoculum's Methanogenic Activity.	Nguyen Pham Hong Lien	Hanoi Univ. of Sci & Tech
S23	Study in Evaluating the Possibility of Increasing Organic Matter Loading Treatment of Bio-carrier in the Aeration Reactor for Seafood Wastewater	Thuy, Thi Kim, Phan	Univ. of Danang
S24	A Novel Method for Extraction of Lipids from Liquid Microalgae without Dewatering	Quan Wang	Kyoto Univ.
S25	Heavy Metal Contaminated Sediment Remediation by Chitosan Oligosaccharide Synergistic Leaching with Bio-surfactant	Ying Zhang	Tsinghua Univ.
S26	Indium-modified Ga ₂ O ₃ Hierarchical Nanosheets as Efficient Photocatalysts for the Degradation of Perfluorooctanoic Acid	Yuxiong Huang	Tsinghua Univ.
S27	Screening Approach of Per- and Polyfluoroalkyl Substances (PFAS) in Firefighting Foam Impacted Waters in Okinawa	Satoru Yukioka	Kyoto Univ.

Research Poster Session (on the symposium website)

Room2: Agriculture and Biology

Poster Display	(Symposium Website)	Nov. 23 – Dec. 1
Posters Available for Comments from Participants	(Symposium Website)	Nov. 23 – Nov. 30
Poster Discussion	(Zoom)	Nov. 30
(13:35 – 13:45) A01, A02, A03, A04, A05	(13:45 – 13:55) A06, A07, A08, A09, A10, A11	
(13:55 – 13:05) A12, A13, A14, A15, A16	(14:05 – 14:15) A17, A18, A19, A20, A21, A22	
(14:15 – 14:25) A23, A24, A25, A26, A27		
Review of Poster Presentations	(Zoom)	Dec. 1 (17:05-17:10)
Conferment of Poster Awards	(Zoom)	Dec. 1 (17:20-17:25)

A01	The Evaluation of Flood Mitigation Function of Urban Agriculture, a Case Study in Kamo River Watershed, Kyoto	Boyiwen, Zhang	Kyoto Univ.
A02	Study of Zoo Animals and Exhibit Elements Based on Visitor Preference at Kyoto City Zoo	Sholihin Nafar	Kyoto Univ.
A03	News Soybean Elite Line for Drought Prone Area of the Northeast Thailand	Jirapong Yangklang	Khon Kaen Univ.
A04	Photoperiod Sensitivity Index Classification in Thai Indigenous Upland Rice Germplasm	Sirimaporn Khotasena	Khon Kaen Univ.
A05	Sources of Rhizoctonia Solani from Northeast of Thailand Reveal Variation in Sheath Blight Disease Severity in KDML105 and Pathum Thani 1 Rice Varieties	Jintrawee Joomdok	Khon Kaen Univ.
A06	A Comparative Study on Fuel Properties and Pyrolysis Behavior of Torrefied Biomass Pellets <i>via</i> Pelletization before and after Torrefaction Process	Pimonpan Inthapat	Mahidol Univ.
A07	Mineralogy and Elemental Compositions of Soils from Different Climatic Regions of the Indo-Gangetic Plain, India	Monika Kumari	Kyoto Univ.
A08	Assessment of Ammonium Removal in Wastewater using some Bio-adsorbents Derived from Agricultural Wastes - Case Study in Vietnam	Vu Ngoc Thuy	Hanoi Univ. of Sci & Tech
A09	Risk Assessment of Heavy Metals of Vegetables from Abandoned Open Dumping Site in Banyumas Regency Indonesia	Fajri Mulya Iresha	Kyoto Univ.
A10	Analysis of Phytoplankton and Water Quality Changes in the Southern Basin of Lake Biwa in the last 70 years	Takahiro Yokoi	Kyoto Univ.
A11	Effect of Supplement Cassava Root Silage on Growth Performance of Native Pig	Bounthavy Vongkhamchanh	Champasak Univ.
A12	Drought Indices (SPEI): A Tool for Monitoring and Prediction of Agricultural Risk and Sustainability	Khagendra Pralhad Bharambe	Kyoto Univ.
A13	Blue, Green and Grey Water Footprint of Paddy in Malaysia's Granary	Wan Amiza Amneera	Univ. of Malaya
A14	Mapping Three Decades of Agricultural Abandonment and Land Cover Change in the Ifugao Rice Terraces using Google Earth Engine	Ian Camello Estacio	Kyoto Univ.
A15	Impacts of Urbanization and Land Transitions on Distribution of Seagrass Ecosystems: A Study from Tropical Lagoon in Central Vietnam	Hoang Cong Tin	Hue Univ. of Sciences
A16	Study on Diurnal Cycle of Rainfall by using Weather Radar in Peatlands along the Eastern Coast of Sumatra, Indonesia	Mariko Ogawa	Kyoto Univ.
A17	Analysis of Diagnostic Outcome of COVID-19 Samples from West Java Indonesia	Azzania Fibriani	Bandung Institute of Technology
A18	Effect of Forest Floor Degradation by Deer Overconsumption on Population Dynamics of Stream Fishes in a Temperate Stream	Hikaru Nakagawa	Kyoto Univ.
A19	Non-destructive Estimation of Shell Thickness and Refractive Index of Intact Quail Egg using Terahertz Spectroscopy	Alin Khaliduzzaman	Kyoto Univ.
A20	Production of Propolis by Stingless Bees Cultivated in Modular Tetragonula Hives	Muhammad Yusuf Abduh	Bandung Institute of Technology
A21	Effect of Peanut Shell – Bokashi on Growth Performance of <i>Vanilla planifolia</i> : A Case Study in Thua Thien Hue Province, Central Vietnam	Minh Tuan Vu	Hue Univ. of Agric & Forest
A22	Effects of Coffee Pulp Compost on Growth of Tram Gio (<i>Melaleuca cajuputi</i>) at the Nursery Stage	Le Thai Thuy Nhi	Hue Univ. of Agric & Forest
A23	Valuing Water Supply and Soil Erosion Control Functions of Watersheds in the Forestland Management Project (FMP) Sites in the Philippines	Analyng Licong Codilan	Univ. of the Philippines
A24	Pond Management Model to Estimate Pond Design and its Operation: A Case Study of the Chao Phraya River Basin, Thailand	Luksanaree Maneechot	Kyoto Univ.
A25	Waste to Food: Integrating Organic Waste Management by Insect Saprophage to Food Production	Ramadhani Eka Putra	Bandung Institute of Technology
A26	Greenhouse Gas Inventory of Falcata [<i>Falcataria moluccana</i> (Miq.) Barneby & J. W. Grimes] Lumber Production in the Caraga Region, Philippines	Vanessa Mendoza Palma-Torres	Univ. of the Philippines Los Baños
A27	Estimating Corn Health using High Resolution Aerial Images in Crop Experimentation Station at the Royal Univ. of Agriculture	Hor Sanara	Royal Univ. of Agriculture

Research Poster Session (on the symposium website)

Room3: Urban and Rural Planning

Poster Display	(Symposium Website)	Nov. 23 – Dec. 1
Posters Available for Comments from Participants	(Symposium Website)	Nov. 23 – Nov. 30
Poster Discussion	(Zoom)	Nov. 30
(13:35 – 13:45) U01, U02, U03, U04, U05	(13:45 – 13:55) U06, U07, U08, U09, U10, U11	
(13:55 – 13:05) U12, U13, U14, U15, U16	(14:05 – 14:15) U17, U18, U19, U20, U21, U22	
(14:15 – 14:25) U23, U24, U25, U26, U27		
Review of Poster Presentations	(Zoom)	Dec. 1 (17:10-17:15)
Conferment of Poster Awards	(Zoom)	Dec. 1 (17:20-17:25)

U01	Comparison of Domestic Water Use Behaviors in Non-urbanized Communities of Four Southeast Asian Countries	Seyha Doeurn	Kyoto Univ.
U02	Actual Situation of Social Media Use by Rural Hamlets Across Kyoto Prefecture	Tanaka Hatsu	Kyoto Univ.
U03	Challenges for Realizing Regional Revitalization Utilizing Traditional Industries in Rural Areas	Yukiho, Yoshida	Kyoto Univ.
U04	Decline		
U05	Rural Settlements Morphology in Disaster Prone Area: A Case Study of Arakawa Village, Shiga Prefecture of Japan	Jingying Wang	Kyoto Univ.
U06	Decline		
U07	Statistical Cluster Detection of Built-up Area Changes using Satscan – A Case of Jabodetabek, Indonesia	Dianti Farhana Kamasela	Kyoto Univ.
U08	Decline		
U09	Research on the Future Image of Sustainable Development in Suburban Rural Areas Based on Scenario Planning	Bu Xiannan	Kyoto Univ.
U10	Study on Sustainable Land Use Planning for the Revitalization of Senjo Marginal Village	Porte Leo	Kyoto Univ.
U11	A Quantitative Approach to Characterizing the Changes and Managing Urban Form for Sustaining the Suburb of a Mega-urban Region: The Case of North Cianjur	Anoraga Jatayu	IPB Univ.
U12	Characterizing Development Patterns in the Suburbs of Jakarta Using Spatial Clustering: The Case of Bekasi Regency, Indonesia	Adib Ahmad Kurnia	IPB Univ.
U13	Urban Plant Diversity of Kyoto City: A Land Use Perspective	Jiefeng Kang	Kyoto Univ.
U14	Migration Intention of Young Villager: Comparison between Peri-urban and Remote Rural Areas of Indonesia	Ar. Rohman Taufiq Hidayat	Kyoto Univ.
U15	Disaster and Migration: With a Special Focus on Bangladesh	Tahmina Chumky	Kyoto Univ.
U16	Urban Heat Mitigation in a Developing Tropical City: A Case Study of Kuala Lumpur, Malaysia	Chng Saun Fong	Univ. of Malaya
U17	Conservation of Earth Vernacular Architectural Heritage as Vector of Sustainable Livelihood Development in Cote D'ivoire	Celine Jamin	Kyoto Univ.
U18	Ecological Conditions for Sama-Bajau Fishermen's Village: The Perspective from Maritime History and Analysis of Ecological Data	Makibi Nakano	Kyoto Univ.
U19	Seasonal and Gender Impacts on Fecal Exposure Trends in an Urban Slum of Bangladesh	Min Li Chua	Kyoto Univ.
U20	Financial Comparison of Passive and Active Fecal Sludge Management in Mandalay, Myanmar	Wutyi Naing	UNICEF
U21	Flood Vulnerability Assessment for a Rural District in Danang City, Vietnam	Tran Thi An	The Univ. of Danang
U22	Quantitative Zoning Method Approaches to Identify the Typology of Spatial Planning Inconsistencies in the Upstream of Ciliwung Watershed	Siti Wulandari	Regional Development Planning Division
U23	Characterization of Hazards and Climate Change Projections in Southern Sierra Madre Region, Philippines	Jan Joseph, Viola, Dida	Univ. of the Philippines Los Baños
U24	Geomorphologic, Physical, and Mineralogical Characterization of Landslides in Mankayan, Benguet, Philippines	Jenielyn Tuando Padrones	Univ. of the Philippines Los Baños
U25	Assessing the Influence of Spatial Urban Green Space Configuration on Urban Temperatures: A Case Study of Metro Manila, Philippines	Nico R. Almarines	Univ. of the Philippines
U26	Effectiveness Assessment of Scenario Planning in Japanese Rural Area: Its Roles and Impacts for Rural Sustainability in VUCA World.	Yoshitaka Iwasaki	Kyoto Univ.
U27	A Study on the Operation Improvement of Environmental Learning Facilities and Equipment in Japan	Eiichi Suzuki	Kyoto Univ.

Research Poster Session (on the symposium website)

Room4: Policy and Economic

Poster Display	(Symposium Website)	Nov. 23 – Dec. 1
Posters Available for Comments from Participants	(Symposium Website)	Nov. 23 – Nov. 30
Poster Discussion	(Zoom)	Nov. 30
(13:35 – 13:45) P01, P02, P03, P04, P05	(13:45 – 13:55) P06, P07, P08, P09, P10, P11	
(13:55 – 13:05) P12, P13, P14, P15, P16	(14:05 – 14:15) P17, P18, P19, P20, P21, P22	
(14:15 – 14:25) P23, P24, P25, P26, P27		
Review of Poster Presentations	(Zoom)	Dec. 1 (17:15-17:20)
Conferment of Poster Awards	(Zoom)	Dec. 1 (17:20-17:25)

P01	Development of a New Participatory Planning Method using Virtual Reality Technology	Nota Ohara	Kyoto Univ.
P02	Farmers' Knowledge, Perceptions and Practices Concerning Pesticide Use in Northern Vietnam	Dinh Thi Thuc Vien	Kyoto Univ.
P03	Analysis of Water Use Behavior in One Decade at Sub-Urban Communities Near Hanoi, Vietnam	Gugi Yogaswara	Kyoto Univ.
P04	Contribution of Payment for Forest Environmental Services (PFES) to the Livelihood of Ethnic Minorities in Central Vietnam	Le, Thi Thu, Ha	Kyoto Univ.
P05	Succession of Village-scale Rural Plan in Kobe City, Hyougo Prefecture	Beijun, Song	Kyoto Univ.
P06	Applicability of Low Cost IoT System for River Monitoring: A Case Study of Selangor River Basin, Malaysia	Akinori Kamiya	Kyoto Univ.
P07	Analysis of Malaysian University Students' Perception and Interpretation towards Renewable Energy	Nurul Emy Idayu Binti Zulkifli	Univ. of Malaya
P08	Urban Change Detection Analysis between 2014 and 2020 using Random Forest Algorithm and Sentinel-2 Datasets	Sun Bunly	Royal Univ. of Agriculture
P09	Decline		
P10	Health Benefits from PM2.5 Reduction Policies for Road Transport in Bangkok Metropolitan Region	Sinthunon Chavanaves	Mahidol Univ.
P11	Policy Evaluation of Air Pollution Control Projects in Ulaanbaatar	Undrakh Batkhuyag	Kyoto Univ.
P12	Risky Business: Natural Hazard Risk Perception and the Demand for Life Insurance by Foreign Residents in Japan	Janiel Latoya Hazle	Kyoto Univ.
P13	A Comprehensive Collaboration Framework in Community Post-disaster Reconstruction between Multiple Stakeholders	Sung Lun, Tsai	Kyoto Univ.
P14	Impact and Adaptation Strategies of Hailstorms on Agriculture and Rural Livelihood in Northern Bangladesh	Md Lamiur Raihan	Kyoto Univ.
P15	A Multi-criteria Decision Analysis Approach to Evaluating Water Resources Development Scenarios in Lower Mekong Basin	Lan Phuong Nguyen	Kyoto Univ.
P16	Paradox of Peatland Conservation Governance from the Viewpoint of Social Structure: A Case Study in Riau, Indonesia	Maho Kasori	Kyoto Univ.
P17	Dealing with Distributional Effects of a Carbon Tax: Lessons for Iran	Bahareh Ghafouri	Kyoto Univ.
P18	The Role of Social Capital in Community Post Disaster Response in Fiji	Sainimere Naikadroka Veitata	Kyoto Univ.
P19	Value Chain Analysis on Community Based Rural Tourism Development in Sleman Regency, Indonesia	Yoan Adi Wibowo Sutomo	Kyoto Univ.
P20	Impact of PATBO Super Technology Dissemination on Participating Farmer's Knowledge and Income	Yanuar Argo	Kyoto Univ.
P21	Comparison among Different ASEAN WQIs for the Spatial Variation Assessment of Surface Water Quality in the Selangor River Basin, Malaysia.	Yong Jie Wong	Kyoto Univ.
P22	Beyond Coal? Regime Resistance, Path Dependency and the Politico-economic Barriers to Transition in the Philippine Electricity Sector	Julie Ann de los Reyes	Kyoto Univ.
P23	How Income Matters: Quality of Life and Income among People Who Use Drugs in Urban Poor Neighborhoods in the Philippines	Chika Yamada	Kyoto Univ.
P24	Sustainable Practices in a Coastal Community-based Tourism: The Case of Donsol, Sorsogon	Frechie Belle Otivar Lo	Univ. of the Philippines Los Baños
P25	Supply Chain Analysis of Manila Copal in Palawan, Philippines	Kharmina Paola Evangelista	Univ. of the Philippines Los Baños
P26	Study on the Resettlement Impacts on the Habitat and Perception of Residents in the World Heritage Site of Hue Citadel	Le Ngoc Van Anh	Hue Univ. of Sciences
P27	Land Rental in a Multi-ethnic Society: Insights from Southwest China	Xiaobo Hua	Kyoto Univ.