

Session Program

Day 1 Monday, August 20

A : Main Hall			
Time	Session	No.	Presenter / Title
			<p>-Theme Forum- “Green Region and Impact Assessment” Co-Chairpersons: Akira TANAKA, Shirley LEE</p>
10:30~ 10:42		1	Akira TANAKA, Tokyo City University (Japan) Green Region and the Role of SEA/EIAs
10:42~ 10:59		2	Shintaro MURAI, Ministry of the Environment Japan (Japan) EIA system and its Implementation in Japan
10:59~ 11:11		3	Hidefumi KURASAKA, Chiba University (Japan)F “Sustainable Zone” - Regional economic indicators on self-sufficiency of food and energy
11:11~ 11:23	A-0	4	Sang-Don LEE, Ewha Womans University (Korea) Application of HEP for maximizing habitat value in the process of road construction
11:23~ 11:35		5	Seiji ARAI, Ginko TSUJISAKA, Akiniko MATSUOKA, Koichi IDE, Shogo OGASAWARA, Yasuhiro KATO, Yoshifumi SAIKI, Taro SHIROMOTO, Yuki TOGO, Tadashi NISHIZAWA, Yoshihiro HORI, Chikako WATANABE, Yosuke WATANABE, Takafumi KAWAMURA, Ayaka MATSUMIYA, Masakazu AOSHIMA, Shinji ODA, Kiyoharu YOSHIZAWA, Akira TANAKA, Japan Association of Environment Assessment (Japan) Study on introduction of biodiversity offset in Japan
11:35~ 11:47		6	Wei LI, Beijing Normal University (China) Promoting green development of the resource-based cities in China by integrating the three-line model into SEA
11:47~ 11:59		7	Takahito NIWA, EX Research Institute Ltd (Japan) Proposal towards the Creation of General Policy for Mainstreaming of Biodiversity in Japan

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Time	Session	No.	Presenter / Title	Session	No.	Presenter / Title	
11:59~ 12:30	A-0		Q&A, Discussion				
Lunch Break							
			Co-chairpersons : Wei LI, Naoko GENJIDA			Co-chairpersons : Kiichiro HAYASHI, Myunjin KIM	
13:40~ 13:57		1	Yoichi KUMAGAI (Japan) Green city-regions: Criteria for sustainability assessment <Keywords> green, city-region, sustainability, assessment, criteria		1	Kuitip SUWANTEEP (Korea) Improvement of ESC monitoring system and its report by analysis on JICA's projects as case study <Keywords> Improvement, Monitoring report, Analysis, Effectiveness and Environmental and Social Consideration	
13:57~ 14:14	A-1	2	Shirley LEE (China) EIA and Green Regions for Railway Projects in Hong Kong <Keywords> Ecological Compensation, EIA, Alignment selection, Construction method selection, Public participation		2	Ayaka YASUMOTO, Takehiko MURAYAMA, Shigeo NISHIKIZAWA (Japan) Analysis of Monitoring Reports for Infrastructure Development Projects through Development Assistance <Keywords> Environmental Assessment, Environmental and Social Considerations, Monitoring, Development Assistance	
14:14~ 14:31		3	Takafumi KAWAMURA, Akira TANAKA (Japan) Policy research of Photo-voltaic power generation and Biodiversity conservation in the Izu-peninsula <Keywords> Green Region, Photovoltaic generation, EIA, Watershed, Izu-peninsula		3	Xianglan YU (China) The application and prospect of CPTED theory in the urban planning <Keywords> EIA Act, CPTED, Crime Prevention, Urban Planning	

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Time	Session	No.	Presenter / Title	Session	No.	Presenter / Title		
14:31~ 14:48	A-1	4	Kai TIAN, Yanwei ZHAO (China) Construction and Application of the Comprehensive Assessment Method for the Ecological Environmental Impact of Transmission Projects <Keywords> EIA, Transmission Projects, Comprehensive Assessment, Landscape, Ecosystem, Sensitive area	B-1	4	Siyang ZHOU, Wei LI (China) A Study on Integrated Diagnosis of Industrial Path Dependence for Mineral Resource-Based Cities: Based on an Improved Cobb-Douglas Production Function <Keywords> cobb-Douglas production function, mineral resource-based cities, industrial path dependence, marginal revenue, integrated diagnosis		
14:48~ 15:40	Poster Session & Coffee Break							
15:40~ 15:57	A-2	1	Tomoki WASHIO, Hideyuki ITO, Takahiro FUJII (Japan) Analysis of Factors to Cause Hokkaido Sika Deer-Vehicle Collisions - Case Study of National Route 44 - <Keywords> Road-kill, Deer-Vehicle Collisions, Traffic Accidents, Road Ecology, Regression Analysis, Transportation and Environments, Hokkaido Sika Deer (Cervus nippon yesoensis)	B-2	1	Jong-Gwan JUNG (Korea) An Initiative of SEA for the Local Energy Transition <Keywords> Energy Transition, SEA, scenario, participatory planning		
Co-chairpersons: Sang-Don LEE, Hidefumi KURASAKA				Co-chairpersons : Yanwei ZHAO, Akiko URAGO				

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Time	Session	No.	Presenter / Title	Session	No.	Presenter / Title
15:57~ 16:14	A-2	2	Myeong-je KIM, Hye In CHUNG, Jinhoo HWANG, Junhee LEE, Yu-young CHOI, Jieun RYU and Seong-Woo JEON, (Korea) Understanding and Predicting NDVI spatial pattern with climate and topographical variables using GWR <Keywords> GWR, NDVI, climate variables, topographical variables, spatial autocorrelation, Moran's /	B-2	2	Keisuke GOTO, Akira TANAKA (Japan) Comparative Study on Tiering in Strategic Environmental Assessments in Japan and the United States <Keywords> Tiering, SEA, Policy, Plan, Program
16:14~ 16:31		3	Koji AINOTA, Akira TANAKA (Japan) Future Potential of Soundscape Monitoring in Urban Greenery <Keywords> soundscape, biodiversity, monitoring, urban, greenery		3	Qihui ZHANG, Xianqiang MAO (China) Total factor productivity analysis considering environment and energy factors <Keywords> Total factor productivity; environment; energy; DEA; EKC
16:31~ 16:48		4	Kiichiro HAYASHI (Japan) Conservation Priority Mapping of Forest Ecosystem Services in the Case of Nagoya, Japan <Keywords> Ecosystem Service, Biodiversity, SEA, Japan, Conservation Map		4	Kentarō NAKAMURA, Kenichiro YANAGI, Eiji KOMATSU and Akihiro NAKAMURA (Japan) Strategic Environmental Assessment Framework for Carbon Capture and Storage in Japan <Keywords> Carbon Capture and Storage (CCS), SEA, Environmental law, Climate change, Long-term liability

Day 2 Tuesday, August 21

A : Main Hall			B : Sub Hall			
Time	Session	No.	Presenter / Title	Session	No.	Presenter / Title
8:30~ 8:47	A-3	1	Co-chairpersons : Mitsuru TANAKA, Koji AINOTA Takehiko MURAYAMA (Japan) Experiences of advisory panel on environmental and social consideration in JICA <Keywords> Environmental and social consideration, Development Assistance, Infrastructure project	B-3	1	Co-chairpersons : Youngsoo LEE, Hiroo KASAGI Takumi NAGASHIMA, Takehiko MURAYAMA, Atsushi NAGAOKA, and Shigeo NISHIKIZAWA (Japan) Geothermal Development Potential Evaluation Considering Environmental and Social Conditions <Keywords> Renewable Energy Potential, Geothermal Development, GIS, Energy Policy, Sociacceptability
			Naoyuki SAKUMOTO (Japan) Social Impacts and the Human Rights Approach in Asia <Keywords> EIA/SEA, social considerations, human rights, SDGs, Aarhus Convention, UN Guiding Principles on Business and Human Rights			Kaiwen Ji, Shigeo NISHIKIZAWA, and Takehiko MURAYAMA (Japan) Research on Community Acceptance of the Woody Biomass Power Plant <Keywords> Biomass, Community Acceptance, Environmental Impact, Complaint, Annoyance
			Kaoru AKAHOSHI, Shunsuke HIEDA, Naoko GENJIDA (Japan) EIA implementation and challenges in Myanmar - Survey with possible support from Japan <Keywords> EIA, Bilateral Cooperation, Capacity Building, Myanmar, Japan			Sachihiro HARASHINA, Yurika AYUKAWA (Japan) Sustainable Energy and SDGs - From the first RE100 university in Japan- <Keywords> Renewable Energy, RE100, Natural Energy, Heart-ware, CUC
8:47~ 9:04						
9:04~ 9:21						

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Time	Session	No.	Presenter / Title	Session	No.	Presenter / Title
9:21~ 9:38		4	Jianhong LU, Zhengyan LIU, Peng SONG, Xianqiang MAO (China) Environmental and economic impacts of “the Belt and Road Initiative” on typical countries alongside <Keywords> “the Belt and Road Initiative”, trade policy, Environmental Impact Assessment, GTAP model, NTBs reduction		4	Hyungseok PARK, Sewoong CHUNG, Sungjin KIM, Eunju LEE (Korea) The relation between thermal stratification strength and carbon cycle in a stratified reservoir <Keywords> Carbon cycle, GHGs, Lake number, Lake Analyzer, Schmidt stability
9:38~ 9:55	A-3	5	Rui HUANG (China) A Comparative Study of EIA System Between China and Vietnam: Biodiversity and Climate Factors into Green One Belt One Road Initiative <Keywords> EIA system, Comparative Study, Biodiversity, Climate Factors, Green One Belt One Road Initiative	B-3	5	Jun OTSUKA, Hideyuki ITO, Takahiro FUJII (Japan) Comparative Analysis of Efforts for Environment Conservation by Travel Companies on Ecotour with Accommodation between Japan and Australia <Keywords> Tourism, Ecotourism, Eco Certification Program, Tour Operation, Accommodation, Australia, Japan
9:55~ 10:30	Poster Session & Coffee Break					
10:30~ 10:47	A-4		Co-chairpersons : Takehiko MURAYAMA, Renzhi LIU 1 Yuki SHIROTA, Akira TANAKA (Japan) Survey on trends of Green Infrastructure and future prospects in Japan <Keywords> Green Infrastructure, biodiversity, Ecological network, multi-function, stormwater management	B-4	1	Co-chairpersons : Jong-Gwan JUNG, Naoyuki SAKUMOTO Jing LIU, Renzhi LIU (China) A Bayesian Approach to Integrated Ecological and Human Health Risk Assessment of Accidental Water Pollution in Watershed Scale <Keywords> accidental water pollution; Bayesian networks; integrated risk analysis; uncertainty; watershed-scale

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Time	Session	No.	Presenter / Title	Session	No.	Presenter / Title	
10:47~ 11:04		2	Tetsuya KAMIJO (Japan) Positive correlation between discussion of alternatives and public involvement <Keywords> Alternatives, public involvement, quantitative text analysis, positive correlation, minutes of meetings		2	Masahiro TOKUMURA, Makoto SEKINE, Mohammad RAKNUZZAMAN, Md Habibullah AI MAMUN, Md Kawser AHMED, Muhammad Rafiqul ISLAM, Yuichi MIYAKE, Takashi AMAGAI, Shigeki MASUNAGA, Masakazu MAKINO (Japan) Feasibility of Quantitative Image Analysis Method to Improve Performances of Arsenic Field Test Kit for Screening of Tube Well Waters in Bangladesh <Keywords> Arsenic, Bangladesh, drinking water, analysis, screening	
11:04~ 11:21	A-4	3	Namwook CHO, Moungh Jin LEE (Korea) A Study on the Scientific Assessment of Environmental Impact through the Data Based Assessment <Keywords> Environmental Data, GIS, Archives, Data Publishing Framework, Data Science	B-4	3	Jong Ho LEE, Sungryong HA (Korea) Integrated Control of Pollutants in Korea <Keywords> Integrated Control of Pollutants, Integrated Environmental Management	
11:21~ 11:38		4	Tomoko KAKU, Yohei SUZUKI (Japan) Stakeholder Engagement in Environmental Impact Assessment: Urban Railway Project in Sri Lanka <Keywords> EIA, Stakeholder Engagement, Alternative Analysis, Protected Area, JICA		4	Qi WANG, Masahiro TOKUMURA, Yuichi MIYAKE, Takashi AMAGAI (China) Environmental impact of halogenated polycyclic aromatic hydrocarbons emitted from E-waste recycling activities in Vietnam <Keywords> halogenated polycyclic aromatic hydrocarbons (XPAHs), E-waste recycling, open burning, POPs	

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Time	Session	No.	Presenter / Title	Session	No.	Presenter / Title	
11:38~ 11:55	A-4	5	Mizuki KANAI, Akira TANAKA (Japan) Study on timing to protect endangered species in EIA <Keywords> Biodiversity, EIA, LCES, Endangered species, Mitigation	B-4	5	Mitsuru TANAKA, Kenshi BABA, and Makoto OGAWA (Japan) Climate Change Adaptation Strategies in Japan and Suggestions to EIA System <Keywords> Climate Change, Adaptation, Local Government, EIA	
Lunch Break							
	A-5		Co-chairpersons : Yoichi KUMAGAI, Yuki SHIBATA	B-5		Co-chairpersons : Jong Ho LEE, Sachihiko HARASHINA	
13:05~ 13:22		1	Nathasith CHIARAWATCHAI, Thanakorn ERMUKDAKUL, Worawut HAMARN, Kanatip RATANACHOO (Thailand) The 1st PTT's Strategic Environmental Assessment (SEA) for Eastern Economic Corridor of Innovation (EECi) Project, THAILAND <Keywords> Eastern Economic Corridor (EEC), Eastern Economic Corridor of Innovation (EECi), Environmental Impact Assessment (EIA), Strategic Environmental Assessment (SEA),		1	Kosuke MURAMATSU, Hiroshi AIUCHI, Yuta GORO, Masahiro TOKUMURA, Qi WANG, Takanori AMBO, Masakazu MINAGAWA, Ryutaro ISHIBASHI, Yuichi MIYAKE, Takashi AMAGAI, Masakazu MAKINO (Japan) Decolorization of Colored Effluent from Textile Manufacturing Industry in Bangladesh by Photo-Fenton Reaction Coupled with Catalyst <Keywords> Photo-Fenton Reaction, Catalyst, Decolorization, Colored Effluent, Wastewater Treatment	

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Time	Session	No.	Presenter / Title	Session	No.	Presenter / Title
13:22~ 13:39		2	Shingo TAKEDA, Takehiko MURAYAMA , Shigeo NISHIKIZAWA (Japan) Social Consideration for Coral Offset in Vanuatu <Keywords> Mitigation Hierarchy, Coral, Biodiversity Offset, Social Consideration, Vanuatu		2	Youngsoo LEE, Sang-Ki CHOI (Korea) Criteria for Health Impact Assessment in Integrated Pollution Prevention and Control in Korea <Keywords> IPPC, HIA, Criteria
	A-5			B-5		
13:39~ 13:56		3	Hiroo KASAGI, Akiko URAGO (Japan) Un-sustainable information disclosure and archives of the EIA documents in Japan <Keywords> EIA, EIA database, Information disclosure, Archives, EIA Law		3	Hiroataka NAITOU, Yukinori TANI, Kousuke TOSHIKI, Jeong-Soo YU, Erdenedalai BAATAR, Chojjilsuren BUYANTOGTOKH, Tserendorj JAVZANDOLGOR, Bolorchuluun SHUKHEE (Japan) Survey of Lead pollution caused by motorization in Ulaanbaatar <Keywords> Mongolia, lead pollution, Blood lead, motorization, livestock health

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Time	Session	No.	Presenter / Title	Session	No.	Presenter / Title
13:56~ 14:13	A-5	4	Xianqiang MAO, Mudan WANG and Mengyuan LIU (China) Co-Control Potential of Substituting Hydropower for Fossil Fuels: A Case Study in Sichuan, China <Keywords> hydropower, co-control effect, energy substitution, emission reduction, Sichuan	B-5	4	Jiaxuan CHEN, Runhe CHENG, and Wei LI (China) Method and application on overall allocation of space and industry for urban industrial total atmospheric pollutant emission <Keywords> urban atmospheric pollution, total industrial emission, overall allocation, spatial distribution, leading industries
14:13~ 15:30	Poster Session & Coffee Break					