

The 9th Joint Student Seminar 8th-10th December,2020

Field: D=Disaster I=Infrastructure E=Environment O=Others

Date	time	ID	name	field	affiliation	title
8th Dec. 2020						
Opening	19:00-		Prof. Pennung Warnitchai Prof. Takeuchi Wataru		AIT UTOKYO	
Special lecture	19:10-19:30		Prof. Pennung Warnitchai: Vibration Control of Buildings and Structures--an Overview			
1	19:30-19:40	12	Mr. Yokoe Yoshito (Japan)	D	Nagaoka Univ.	Seismic hazard assessment in Yangon City using the empirical earthquake evaluation method
2	19:40-19:50	20	Mr. Xinwei XI(china)	D	Tsinghua Univ.	Research on the Safety Resilience Evaluation Model and Decision Optimization Method of Coastal Cities under Waterlogging
3	19:50-20:00	11	Ms. Ayaka Ikeda (Japan)	D	Nagaoka Univ.	Reproduce Past Earthquakes, 1987 Chibaken-Toho-Oki Earthquake (M6.7)
4	20:00-20:10	1	Mr. Martin Garcia-Fry (Peru)	D	Tohoku Univ.	Post-Disaster Operational Planning Process for Transit-Oriented Development with Secured Access to Livelihood Recovery
5	20:10-20:20	4	Mr. Atsuya Minagawa(Japan)	D	Nagaoka Univ.	Study on amplification factor of maximum acceleration for seismic hazard assessment
6	20:20-20:30	24	Mr. Zhou Shiwei (China)	D	Tsinghua Univ.	Resilience assessment model on interdependent infrastructures
7	20:30-20:40	9	Ms. Achini Uppeka Ranasinghe (SriLanka)	O	AIT	Integration of Electrical Resistivity Imaging and Induced Polarization For Investigation of Subsoil Heavy Metal Contamination: A Case Study of Bang Yai Canal, Phuket Island, Thailand

8	20:40-20:50	52	Mr. Sanjiv Neupane (Nepal)	O	AIT	Evaluation of CORDEX regional climate model (RCMs) for future climate extreme projection in Bangkok and its vicinity, Thailand
9	20:50-21:00	29	Ms. Peetiya Nidhinandana (Thailand)	O	AIT	A Physical Modeling Study of Arrangements of Sheet Pile Wall in Sand Bed
10	21:00-21:10	58	Ms. Shakthi Kalpani Gunawardana(Sri Lanka)	O	AIT	Evaluation of SWAT model for hydrological simulation in the transboundary Srepok River Basin of the Lower Mekong Region
11	21:10-21:20	54	Mr. Saurav KC (Nepal)	O	AIT	Development of Framework to Assess the Groundwater Governance in Rapidly Urbanizing Cities

9th Dec. 2020						
Special lecture	19:00-19:20		Associate Prof. Yudai Honma: Mathematical Model for Social Distancing- Close Relationship with Architectural Planning -			
12	19:20-19:30	6	Ms. Nussarin Sudrohman (Thailand)	O	AIT	A study of the difference between tunnel precast system and fully precast system for townhouse construction
13	19:30-19:40	7	Mr. Jogo Boku (Korea)	O	UTokyo	Evaluation of Room Arrangements by Social and Spatial Network Analysis in Hospital Architecture
14	19:40-19:50	13	Mr. Nartmongkhol Songserm (Thailand)	O	AIT	Computer-aided Rock Classification using Python Programming
15	19:50-20:00	14	Ms. Kornkanok Sangprasat (Thailand)	O	AIT	Preliminary Analysis of Chiang Mai Earthquakes With Related To The Active Fault Zones of Thailand
16	20:00-20:10	53	Mr. Phattarasuda Witchayaphong (Thailand)	O	AIT	Influential Factors Affecting Travelers' Mode Choice Behavior on Mass Transit in Bangkok, Thailand
17	20:10-20:20	8	Mr. Mohamed ADEL (Egypt)	I	UTokyo	Evaluation of crack-bridging strength degradation in SFRC structural beams under flexural fatigue
18	20:20-20:30	5	Mr. Nyi Linn Maung (Myanmar)	I	UTokyo	Formation and Transformation of Informal Settlements from Historical Viewpoint in Yangon, Myanmar
19	20:30-20:40	28	Mr. Kumar Avadh (India)	I	UTokyo	Investigation of local bond behaviour between corroded deformed reinforcement and uncracked concrete using DIC

20	20:40-20:50	32	Ms.Srikulnath Nilnoree (Thailand)	I	AIT	Development of Real-time Displacement Measurement Using Sampling Moiré Method in a Single Board Computer (a SBC)
21	20:50-21:00	27	Dr. Vikas Singh Kuntal (India)	I	UTokyo	Estimation of internal corrosion levels from surface racks of concrete using model predictive control in 3D RBSM
22	21:00-21:10	44	Saugat Shrestha (Nepal)	I	AIT	Suppression of Wind effects on structures using Plasma Actuators
23	21:10-21:20	51	Ms. Isrrah Malabanan (Philippines)	I	AIT	Simulation model development for traffic signal light control with emergency vehicle preferential treatment: A case study of Bangkok
24	21:20-21:30	18	Mr. Nogami Hiroki (Japan)	I	UTokyo	Model of Indirect Physical Contact within Social Activities

10th Dec.2020						
Special lecture	19:00-19:20		Prof. Wataru Takeuchi: Geospatial Technologies Towards One World, One Health and One Earth			
25	19:20-19:30	15	Mr. Kumagai Taichi (Japan)	D	Nagaoka Univ.	Numerical study on dynamic behavior of surface ground near the long-distance ground-flow area caused by the 2018 Sulawesi earthquake, Indonesia
26	19:30-19:40	19	Mr. Suzuki Haruki (Japan)	D	Nagaoka Univ.	Estimating the ground characteristics of Koiwagawa area which caused house damages by the 2019 Off the Yamagata prefecture earthquake
27	19:40-19:50	26	Mr. Zamzam Multazam (Indonesia)	D	UTokyo	Experimental Study on simple retrofitting method for hollow blocks masonry walls
28	19:50-20:00	17	Mr. Takada Hikaru (Japan)	D	Nagaoka Univ.	Effects of surface ground characteristics on earthquake damage of wooden houses
29	20:00-20:10	33	Mr. Dheeraj Joshi (Indian)	D	UTokyo	Risk assessment of rail infrastructure in India to support business continuity plan
30	20:10-20:20	45	Mr. Nattapon Trumikaborworn (Thailand)	D	AIT	Tsunami Evacuation Simulation using Agent-based Modeling: a case study of Khao Lak, Thailand
31	20:20-20:30	10	Mr. Sakanann Vann (Cambodia)	E	Prince of Songkla Univ.	Investigation of Seawater Intrusion Using Geoelectrical Survey in Coastal Aquifer of Phuket Island, Thailand

32	20:30-20:40	30	Mr. Daiki Shimizu (Japan)	E	UTokyo	Detection of drainage canal distribution and scenario evaluation of peat restoration measures in Indonesia
33	20:40-20:50	21	Ms. Syukratun Nufus (Indonesia)	E	Prince of Songkla Univ.	Empirical Model Of Thailand Shale Compaction Based On Geological Age Classification
34	20:50-21:00	57	Ms. Pragya Pradhan (Nepal)	E	AIT	Evaluation of CMIP5 General Circulation Model (GCMs) simulating precipitation and temperature in Koshi river basin, Nepal
35	21:00-21:10	55	Mr. Phanuphong Prajongkha (Thailand)	O	AIT	Evaluating Factors of Severe Injuries on Motorcycle Rear-end Collision in Thailand
36	21:10-21:20	46	Mr. Navindra Ganganath Liyanarachchi (SriLanka)	I	AIT	Rapid Identification of Seismic Damage in Tall Buildings by using Acceleration Response Time Histories
Closing	21:20-21:40		Prof. Takeuchi Wataru			