

Room 1		Room 2		Room 3		Room 4	
9:20-9:35 Opening Ceremony							
1-R1-1	Takayuki Suzuki	1-R2-1	Masayuki Banno	1-R3-1	Naoto Kihara	1-R4-1	Toru Endo
205	The Effectiveness of Conservation and Restoration of Coral Reef around Tropical Islands for Adaptive Coastal protection to Climate Change *Shun Mitamura, Yoshimitsu Tajima, Tatsuhiro Kono, et al.	36	Field study on the physical properties of beach gravels on the Kotogahama Beach, Kochi Prefecture *Takara OKAMOTO, Sinji SATO	151	Amplification of Tsunami Waves Induced by Atmospheric Pressure Disturbances at the Continental Margin *Xiaojing NIU, Yucheng ZHOU	86	Review on Methodologies of Assessing Carbon Sequestration Amount of Coastal Wetlands *Xia SHEN, Peng WANG, Xiaohua WU
37	Experimental Study of the Entrainment Threshold of Gravel-size Coral Debris under Unidirectional Flow *Lilei MAO, Jiabo LI, Yoshimitsu TAJIMA	157	Grain resolved simulation of gravel transport process under solitary run-up wave using 3D DEM-MPS coupled scheme *Takumi TAZAKI, Eiji HARADA, Hitoshi GOTOH	175	An experimental study of dam-break induced bores impacting onto vertical wall *Ting Tan, Yuxiang Ma	193	Continuous Observation of pCO <sub>2</sub> in Autumn in the Head of Tokyo Bay *Masanori Endo, Jun Sasaki
38	Initiation of motion of coral gravels under asymmetric oscillating flow *Jiabo LI, Lilei MAO, Yoshimitsu TAJIMA	158	Experimental study of bed shear stress over rough bottom due to oyster reef *Minjae Lee, Seungjun Baek, Yong Sung Park	176	Research on the Force of Tsunami to Reinforced Concrete Connecting Corridors -Tsunami Damage in 2011 at Okawa Elementary School in Japan- *Lin Cong, Hisamichi Nobuoka	87	The Impacts of Ecological Restoration Engineering on the Seawall: the Protection Ability Assessment *Yuan WANG, Peng YAO, Yongping CHEN, et al.
		159	Observations of net sediment transport rate and boundary layer of wave-current flows over vortex ripples *Jing Yuan	73	Study on Nonlinear Hydrodynamic Force on Vertical Motion of a Column Structure with a Heave Plate *Takayuki Hashimoto, Teppei Omata, Takahide Honda, et al.	194	Incorporating habitat networks into site selection for fish habitat restoration projects *Yoshihiro B. AKIYAMA, Ryoji NAITO, Kanami YOSHIMURA, et al.
1-R1-2	Keiko Udo	1-R2-2	Xiaojing Niu	1-R3-2	Yuxiang Ma	1-R4-2	Chi Zhang
21	Characteristics of Wave Dissipation and Setup on Coral Reefs around Tropical Islands *Yoshimitsu Tajima, Shun Mitamura, Hajime Kayanne	160	Evaluation of downslope sediment transport on lower shoreface: a case study on the Fuji coast *Wenang XIE, Taiga SHIBATA, Takenori SHIMOZONO, et al.	74	Practical and Precise Formula for Wave Forces on Single Cylindrical Tank by Run-up Tsunami *Yudai TSUTSUMI, Shin-ichi AOKI, Susumu ARAKI	88	Numerical simulation-based study on Water Exchange Capacity of Artificial Lake in Xiaoyao River Estuary *GAO Xiangyu, GAO Zhongrong, YU Haitao
71	Applicability of satellite-based turbidity monitoring of nearshore sea surface to coastal sediment management *Sotaro Kageyama, Yoshimitsu Tajima	39	Application of Sediment Transport Model for Sand Management Project *Honghai Li, Grace M. Maze, Kevin B. Conner, et al.	177	Calculation of wave forces acting on monopiles for offshore wind turbulence and comparison among scour depth prediction formulas *Kei KUSUMI, Kazuhiro TANAKA, Keisuke MATSUKAWA, et al.	89	Locating Warning Stations for Drinking Water Sources Safety at Tidal Reaches: A Numerical Study *Hongwei Ding, Yufang Han, Chuanteng Lu
66	Interacting Behavior of Nourished Sand and Gravels along the Nami-ita Coast, Japan *Takeshi Miwa, Yoshimitsu Tajima	40	A field observation and numerical insight on the impact of strong wave-current interaction on the turbidity at Matarbari Coast of Bangladesh *Hiroshi SANUKI, Kevin BOBILES, Duc Thang CHU, et al.	75	Numerical Investigation to Wave Forces on Coastal Bridge Decks *Masahiro OKUBO, Hiroshi OKUBO, Hirotosugu KASAHARA, et al.	90	Evaluating Impacts of Human Activities on Wetland Ecosystem from Multiple Points of View *Ling TENG, Ao CHU, Mingxia QIAN, et al.
		41	Development of a Fluid-mud Model and Its Application to Field-scale Dredged Basins *Pailin Chatanantavet, Nobuyuki Ono	178	Experimental Investigation on Impact Pressure under Different Breaking-induced Air Entrainment at the Crest Wall of the Rubble Mound Breakwater *Changheon GWON, Jooyeon LEE, Byoungjoon NA	91	Coastal Landscape Analyses of Sea Turtle Nesting Beaches: A Case Study in Japan *Arief DARMAWAN, Satoshi TAKEWAKA, Tanaka YUJI, et al.
Keynote 1	Accurate semi-implicit SPH schemes for computation of violent water-surface waves Prof. Hitoshi Gotoh, Kyoto University, Japan						
Keynote 2	Transport of microplastics in coastal area Prof. Yong Sung Park, Seoul National University, Korea						
Keynote 3	Intelligent Operation and Maintenance of Digital Hong Kong-Zhuhai-Macao Bridge : Technology and Application Prof. Jing Qiang, The Hong Kong-Zhuhai-Macao Bridge Authority, China						
1-R1-3	Tomohiro Yasuda	1-R2-3	Changhoon Lee	1-R3-3	Sang-Ho OH	1-R4-3	Hiroto Higa
1	Tools for Building Spatial Dependence Structure of Extreme Wave Heights in Regionally Neighboring Ports *Toshikazu Kitano	42	Study on vertical distribution of suspended sediment concentration in coastal waters based on solid-liquid two-phase flow theory *Haitao YU, Zhengrong GAO, Xiangyu GAO	179	Effect of Extreme Wind on the Stability of Rubble-Mound Breakwaters *Young-Min Kim, Jaeho Lim, Hyun-Doug Yoon	92	Estimation of the origin of marine litter accumulated on the coast: Morphological, elemental, and compositional analysis of debris samples collected on the western coast of Kyushu, Japan *Yawen SONG, Satoquo SEINO
203	Estimation of External Force Change Due to Climate Change on Ishikawa Coast Daisuke NAKAZONO, *Shota KUROBE, Masanobu JIMBO, et al.	43	Impacts of Composition on Sediment Suspensions over Sand-Silt Mixtures under Currents *Peng YAO, Lu LI, Hao GU, et al.	76	Overtopping design considerations for non-conventional revetments under bi-modal spectral conditions *Francois Flocard, Michael Paine, Jonathan Chan, et al.	195	Evaporation-induced hypersalinity in a shallow coastal marsh: A modeling study *Zhi Li, Ben Hodges, Xia Shen
192	Continuous pCO <sub>2</sub> measurement in water and soil in fringe and riverine mangrove forests using a handmade mooring system *Wataru Nakamura, Jun Sasaki, Toru Endo, et al.	44	Response of Suspended Sediment Dynamics over Eroding and Accreting Tidal Flats to Typhoon Damrey: a case study of the Jiangsu Coast *Xinyi Yang, Peng Yao, Biying Wu, et al.	180	Quantitative Estimation of Wind Effects on Wave Overtopping of a Vertical Seawall *Naoto Inagaki, Tomoya Shibayama, Ryota Nakamura, et al.	196	Retention and pathway of pollutants released to Galveston Bay during Hurricane Harvey using Lagrangian particle tracking Jiabi Du, Emily Summers, *Kyeong Park
		45	A Simulation of Sediment Transportation by the Nankai Trough Tsunami into Osaka City *Nicolas Eko Saputra, Takaaki Shigematsu	181	Computer Simulation of Wave Overtopping Rate on Coastal Structure *Moon Su Kwak, Nobuhisa Kobayashi	197	Proposed Cipunegara Coastal Reservoir to Mitigate Land Subsidence and Provide Fresh Raw Water *Andojo WURJANTO, Devi Ulumit TIAS

**Day 2: November 16th** (12 min presentation and 3 min discussions)

	Room1		Room2		Room3		Room4	
9:10-10:25	2-R1-1	Tomoya Shimura	2-R2-1	Yasuyuki Nakagawa	2-R3-1	Tomoaki Nakamura	2-R4-1	Junichi Ninomiya
	105	On the wave statistics of out-of-equilibrium sea-states induced by strong depth variations in coastal environment *Jie ZHANG, Yuxiang MA, Guohai DONG, et al.	161	Sediment dynamics on a tidal flat in macro-tidal Hangzhou Bay during Typhoon Mitag *Li Li, Yihan Ren, Xiaohua Wang, et al.	182	Experimental study on wave run-up on sloping seawalls influenced by flexible vegetation *Lizhu WANG, Min XU, Jun ZHANG	198	Description of Different Forcing Factors with Application to Oil Spill Simulations *Tien-Hung Hou, Thi-Hong-Hanh Nguyen, Hai-An Pham, et al.
	106	Confidence interval estimation on the extreme events probability for quantitative risk assessment *Hong-Yeon CHO, Dong-Hui, KO, Uk-Jae LEE, et al.	162	Experimental Investigation on Seabed Response Under Wave-Induced Motion of Marine Structure *Yuwei Wu, Xingyue Ren, Ke Qu, et al.	77	Hydraulic Experiments and Numerical Analysis of Large Pile Suspended on Crane Vessel *Tepei OMATA, Yukihiro ODA, Takahide HONDA, et al.	199	Visualization of the Heat Transfer Around an Evaporating Droplet in a Moderate Wind Condition Using the Background Oriented Schlieren Technique Ayumi Saruwatari, *Shota Saito, Yasunori Watanabe
	107	Study on the source of swells that develop long-period waves in the southern Maldives *Hiyori YOSHINO, Takenori SHIMOZONO	163	Experimental study on anti-liquefaction effect of artificial reef on silty seabeds under waves *Lihua Wang, Jinfeng Zhang	78	Analysis of the effect of porosity under wave action on the bait box with porosities in the middle of the column wall surface *J.X. Cao, F.J. Yu, C. Wang	93	Observed sea level changes in the China seas since 1990s *Meixiang CHEN, Han YAN, Ying JIN, et al.
	2	Study on the Waves of Coastal Zone at Maldives Bridge and the Protection Plan for the Approach Dike Lihong JU, Junning PAN, *Fan YANG	164	Seabed liquefaction of a silt seabed with multiple wave-climate exposures *Titi SUI, B. Mutlu SUMER, V.S. Ozgur KIRCA, et al.	183	Generalized added mass of submerged floating tunnels *Bin Teng, Mei Yu	200	Long-term hindcasts and evaluations of global extreme sea levels using unstructured grid models *Shohei OHATA
10:40-11:55	108	Discussions on triggering conditions for resonance among free-surface waves ambient current and rippled bottoms in estuarial regions *Jun FAN, Aifeng TAO, Jinhai ZHENG	165	The two-step yielding process of the natural mud under steady and oscillatory shear stress Shaohua Wang, Zhiguo He, *Yuezhong Xia, et al.	184	Study on the wave drift force of a flexibly connected multi-module platform *Yanjun MAO, Guohai DONG, Luyao ZHANG, et al.	201	A Recent decade's perspective of ocean basin sea level fluctuations using complete ensemble empirical mode decomposition with adaptive noise (CEEMDAN) *CABRERA Jonathan Salar, LEE Han Soo
	2-R1-2	Jing Yuan	2-R2-2	Gang Wang	2-R3-2	Bin Ren	2-R4-2	Jinfeng Zhang
	3	Research on multifractal scale characteristics of significant wave height time series *Huashuai LIU, Fan YANG, Hongchuan Wang	46	Prediction of Topographic Changes of an Island Composed of Sand Subject to Waves Incident from Every Direction *Yasuhiro Noshi, Takaaki Uda, Masato Sekine	186	Development of Self-Rotating Movable Surge and Wave Barrier *Sang-Ho OH, Jooyeon LEE, Byung Joon NA	202	Long-term assessment of relative sea level variability considering tectonic deformations, sea-level rise, storm surge and ocean waves: The case study of Chilean coast *Francisco Molteni Perez, Nobuhito Mori, Tomoya Shimura, et al.
	4	Wave condition measured at an offshore tower and wave prediction by using xgboost *Yasuyuki BABA, Yuki IMAI	47	Numerical Simulation of the Effect of Topographic Changes on Sandspit Intrusion Processes *Stephan Korblah LAWSON, Keiko UDO, Hitoshi TANAKA	185	Physical experiments on self-rotating movable surge and wave barrier *Jooyeon LEE, Byunjoon NA, Sang-Ho OH	94	The change of wave characteristics due to global warming at Indonesia Seas *Muhammad ZIKRA, Masaru YAMASHIRO
	5	A Study on the Characteristics of Wave Variation in Port under the Condition of Breakwater Expansion *Kyu-Tae Shim, Kyu-Han Kim, Young-Soo Nam	166	Dune erosion and run-up mechanism during an entire storm: large-scale wave flume experiments Eunji Lee, *Sungwon Shin, Jeseon Yoo, et al.	187	Application of unloading by the working platform and external prestressing reinforcement technology for the Zhenhai chemical wharf *Pingyi Fan, Hongsheng Cao, Wei Qian, et al.	204	The prediction of the morphodynamic change in coastal area under climate change *Xinyu Chen, Nobuhito Mori, Shimura Tomoya, et al.
13:00-14:15	109	Hydrodynamic investigation of a parabolic breakwater for wave energy focusing *J. XU, D.Z. NING, L.F. CHEN, et al.	48	Characteristics of riverbed evolution and tidal dynamic response in the Yangtze River Estuary *HAN Yufang, DAI Bingke, DING Hongwei	79	Effect of Submerged Plates on the Dynamic Response and Sliding Simulation of Caisson Breakwaters *Sila Mercedes FUNDORA CAMPOS, Shin-ichi AOKI	206	Adaptation to Sea Level Rise: A Comparative Analysis of Current Examples of Adaptation Around the Planet *Miguel ESTEBAN, Ezekiel GRANT, Anh CAO, et al.
	110	Tidal Modulation of Wave Reflection on a Low Tide Terrace Beach at South China Coast *Yuan Li, Qinyi LI, Chi Zhang, et al.	49	Beach Changes on Coral Cay Associated with Artificial Alteration of Inlets-Example of Meedhoo Island in Maldives *Shingo Ichikawa, Takaaki Uda, Susumu Onaka, et al.	80	Numerical simulation of three-dimensional simple floating body in numerical wave tank *Xiaoqin Chang, Gang Xu	207	Numerical analysis of seismic performance of offshore wind turbines supported by hybrid monopile foundation *Duc-Vu Ngo, Dong-Hyawn Kim
	2-R1-3	Sungwon Shin	2-R2-3	Hong-Yeon Cho	2-R3-3	Hyun-Doug Yoon	2-R4-3	Miguel Esteban
	111	Instability of bubble surfaces in bursting processes in purified water and sewer *Rinka Nanasawa, Yasunori Watanabe	50	Simulating Multivariate Natural and Large-scale Laboratory Hydro-morphodynamic Data Using Copula Approach *Mohammad TABASI, Takayuki SUZUKI, Daniel T. COX	81	Analysis of Motion of a Large-Scale Floating Caisson under Regular and Irregular Waves *Kohshi Hiraishi, Yuri Shimizu, Yota Enomoto, et al.	208	Wind Condition Evaluation on Finding Suitable Sites for Offshore Wind Power Generation due to the Effects of More Giant Wind Turbines and Climate Change *Kaede MATSUDA, Tomoya SHIBAYAMA, Ryota NAKAMURA, et al.
	112	Evolution of planar forms of experimental wind-waves *Haruki Kuroda, Yasunori Watanabe	51	Identification of hydrodynamic factors for large-scale estuarine morphological changes at the throat of the Lower Meghna River estuary in Bangladesh *Md. Saiful Islam, Satoshi Takewaka	82	The Experimental Investigation of the Motion Characteristic of Truncated Submerged Floating Body Under the Regular Wave Action *Weidong CHEN, Jinliang CHENG, Bing REN, et al.	209	Optimal sites selection and potential power assessment for tide and offshore wind power generation in the Seto Inland Sea, Japan, based on high-resolution ocean modelling and multi-criteria analysis *Morhal Aljber, Jae-Soon Jeong, Jonathan Cabrera, et al.
14:30-15:45	114	Short crest wave breaking of planar converging wave trains *Ren Fujisawa, Yasunori Watanabe	52	Geographical distribution and recent change in the meteorological event causing the annual maximum wave height and storm surge around Japan *Kunihiro Watanabe, Fuminori Kato, Kazuhiro Araki, et al.	83	Hydrodynamic Investigation on the Cantilevering Oscillating Buoy type WEC Integrated into a Floating Dock *Chang WAN, Can YANG, Yuxiang NIU, et al.	210	Development of 10 kW Tidal Power Plant - Focusing on Field Experiments *Hyukjin Choi, Shin Taek Jeong, Woo-Sun Park, et al.
	113	Investigation on the separation of wind sea and swell trains from directional wave spectra *Zhenjun Zheng, Xiaozhou Ma, Yujin Dong, et al.	53	Model for Predicting Topographic Changes on Beaches Composed of Sand of Mixed Grain Size under the Compound Action of Waves and Wind *Takuya YOKOTA, Takaaki UDA, Akio KOBAYASHI, et al.	188	Numerical modelling of wave interaction with porous floating breakwater *Yiyong DONG, Jing YUAN	95	Influence of Car Evacuation on the Effective Location of a Tsunami Evacuation Shelter *Nanami HASEGAWA, Tomoyuki TAKABATAKE
	115	Contrasting role of changing wave period in vegetation induced wave dissipation *Kunhui HUANG, Zhan HU, Maiké PAUL, et al.	54	Study on the Pattern Evolution Trend of Strong South and Weak North in Bifurcated Baimao Shoal Reach of Yangtze Estuary *Dejun DU, Xiaojun WANG, Yuncheng WEN, et al.	189	Wave energy attenuation by using wide porous media mounted on an infinitely long floating compound breakwater *Jeong Cheol, Park, Kyu Han, Kim	96	Assessment of tsunami evacuation plan in small declining cities: study case of Tosashimizu, Japan *Auriane Laurent, Hirokyu Hashimoto, Yuki Ishikawa, et al.
	2-R1-4	Yanhong Wang	2-R2-4	Xiaozhou Ma	2-R3-4	Yufang Han	2-R4-4	Zhan Hu
	116	Estimation of random wave run-up using a spectral transfer function *Takenori Shimozono	55	X-Band Radar Observations of Sand Dune Erosion and Flow Velocity Patterns due to Floods at the Mouth of Tenryu River *Ivan Aliyatul HUMAM, Satoshi TAKEWAKA, Kazutoshi KUWABARA	141	On the Mechanism of Tropical Cyclone's Offshore Westbound Tracks *Kewei ZHANG, Wenjian MENG, Haijiang LIU	98	Examining Evacuation Times Considering Different User Interfaces for Evacuation Guidance Applications *Shiho Honda, Xueying Ding, Taro Arikawa
16:00-17:15	117	Different types of longshore current profiles and shear instabilities on plane beaches *Sheng Yan, Zhili Zou, Zaijin You, et al.	167	Exploring the Coastal Morphological Response to Removal of Breakwater *Shanhang CHI, Chi ZHANG, Jinhai ZHENG	28	Investigation of Tropical Cyclone Translation Speed with Clustered Trajectories *Jie YANG	97	Proposing Evacuation Route Selection Method Using Tsunami Arrival Time Probability as Advance Information Masaki ISHIYAMA, *Fukuto YOSHIDA, Tomoki SHIRAI, et al.
	118	Characteristics of rip current occurrence on Yuigahama beach using AI-based detection data *Toshinori ISHIKAWA, Ryo SHIMADA, Haruki TOGUCHI, et al.	57	Local Scouring Around a Cylinder by Current Flow *Yota Enomoto, Taro Arikawa	29	Numerical Simulation of Surge Characteristics considering Sea Level Rise along the Morpho-dynamic East Coast of The Meghna Estuary in Bangladesh Tansir Zaman Asik, *Mohammad Asad Hussain	211	Influence of Road Blockage on Loss of Lives from a Tsunami *Tomoyuki TAKABATAKE, Keita YAMAGUCHI, Nanami HASEGAWA
	119	Response of tidal dynamics to intensive human activities in Lingding Bay over the last century *Nanyang CHU, Qingshu YANG, Peng YAO, et al.	168	Local scour at vibrating monopile foundations under current conditions *Zishun YAO, Bruce MELVILLE, Dawei GUAN, et al.	142	Compound flooding risk assessment using typhoon track ensemble experiments in Mikawa bay, Japan *Kazuki Haruyama, Masaya Toyoda, Shigeru Kato, et al.	212	Impact of rivers and waterways on tsunami inundation characteristics: A case study at Haruno town in Kochi, Japan *Takuto Ise, Takeshi Shoji, Naho Yoden, et al.
	6	Detection of Groundwater Flow Velocity Field in the Swash zone of the Coral Gravel Beach using Particle Tracking Velocimetry *Clint Chester Reyes, Yoshimitsu Tajima	169	Scale experimental study on local scour of offshore wind power foundation *Xin WANG, Jing YUAN, Peng LIN, et al.	30	Method considering uncertainties of tropical cyclone and storm surge forecasts due to physics scheme selections in the Weather Research and Forecasting model *Tomoki SHIRAI, Taro ARIKAWA	213	Development of a Digital Twin of Kamakura City in Unity *Yusuke IWAHARA, Michael STUMP, Kevin CREFF, et al.
	2-R1-5	Takenori Shimozono	2-R2-5	Shinya Umeda	2-R3-5	Mohammad Asad Hussain	2-R4-5	Taro Kakinuma
7	Characteristics of wave-induced groundwater dynamics using harmonic analysis *Yihao Zheng, Mingzhe Yang, Haijiang Liu	170	Two-phase SPH modelling of local scour around the anchor of the light buoy in the Yangtze River *Xin Li, Yimei Chen, Lilei Mao	143	An explosive cyclone record in the western Arctic: towards potential impacts of ocean waves on sea ice under extreme conditions *Xingkun Xu, Takuji Waseda, Tak Nose, et al.	132	A corrected pressure gradient model in 5-SPH method for accurate water wave simulations *Yuma Shimizu, Hitoshi Gotoh, Hiroaki Sugimoto	
8	Quantification of Wave-induced Liquefaction in Small-scale Surf Zone Sandbar *Md Shofiqul ISLAM, Takayuki SUZUKI	171	Validity assessment of scour protection methods around monopile foundation for offshore wind farm *Haodong Huang, Jing Yuan, Xin Wang, et al.	144	Data Analysis and Numerical Investigations of Storm Surges and Storm Waves along the East Coasts of Taiwan in the Typhoon Events of Soudelor and Dujuan *Yu-Lin TSAI, Tso-Ren WU, Philip Li-Fan LIU	18	Model Validation with a Diagram Comparing the Amplitude and Phase Lag between Observed and Simulated Tidal Constituents in Tokyo Bay *Takaki Tsubono, Teruhisa Okada, Kazuhiro Misumi, et al.	
9	Analytical modeling of Hydraulic Jumps induced by river plumes lateral-boundary constriction *Yang Lu	58	Long-term Shoreline Changes during Half Century Since 1964 along Coasts between Hitachi Port and Isozaki Fishing Port, Japan Takaaki UDA, Katsunori OKUBO, *Yasuhiro OOKI, et al.	145	Analysis of the effect of typhoon characteristics on storm surge *Jung-A YANG, Nobuhito MORI	133	Numerical investigation on wave attenuation by a fluid-filled membrane breakwater using a FVM-FEM coupling model based on OpenFOAM, preCICE and Calculix *Weiwei SUN, Tomoaki NAKAMURA, Yong-Hwan CHO, et al.	
120	Modeling the hydraulic characteristic changes induced by the Incheon Bridge in Macro-tidal environment *Myung Hwan Kim, Hye Min Lee, Jong Wook Kim, et al.	56	Clustering -Based Method for Automatic Shoreline Extraction from Landsat and Sentinel-2 Satellite Imagery in South Maldives *Vuthy Men, Shingo Ichikawa, Shogo Tokunaga, et al.	31	Optimized Inundation Modelling Using Offshore Hazard-Point Tsunami Waveform *Rajuli Amra, Susumu ARAKI, Shin-ichi AOKI	19	Numerical wave tank simulation and validation Gang Xu, *Yuxin Pan	
10	The superimposed backwater effect of dense bridges in Nanjing section of the Yangtze River under river erosion conditions *FANYI ZHANG, LONGHONG LUO, YUNCHENG WEN, et al.	59	Analysis of Topographic Changes on Nusa Dua and Tanjung Benoa Beaches on Bali Island, Indonesia *Susumu ONAKA, Takaaki UDA, Toshiro SAN-NAMI, et al.	32	Relationship between Training Data and Error in Tsunami Arrival Time Prediction Using Machine Learning Kota Gunji, Tatsuya Tsuzuki, *Taro Arikawa, et al.	134	Experiments and large eddy simulation of oscillatory flows over a rough wavy wall at high Reynolds number *Weikai Tan, Jing Yuan	

**Day 3: November 17th (12 min presentation and 3 min discussions)**

	Room1		Room2		Room3		Room4	
9:10-10:25	3-R1-1	Hiroyuki Ikari Analysis on the channel hydrodynamics variation characteristics under the impact of the whole-island embankment project in Brunei Bay XU Lei,*JIAO Jian,HUANG Hailong, et al.	3-R2-1	Ayumi Saruwatari Dynamic Geomorphology Linkage Mechanism of Pearl River Estuary under Human Activities *Jie He,Yu Yan,Beibei Xu	3-R3-1	Yong Sung Park Impact of Tsunami Measurements from Dense Offshore Network on Modeling of Tsunami Source and Propagation: A Case Study of the 2016 Mw 6.9 Off-Fukushima Earthquake *Hiroaki TSUSHIMA,Yutaka HAYASHI,Takeyasu YAMAMOTO	3-R4-1	Katsuya Hirayama The Numerical Simulation of the Wave Propagation based on a new type GN Theory *Yang Fan,Wang Hongchuan,Zuo Qihua
	11		60		146		20	
	12	Influencing factors of water diversion ratio for a branching river network estuary *Min SU,Zhibin YU,Peng YAO	61	Shoreline change characteristics of the Ogimi coast: Correlation with other coasts around Okinawa Island *Haruka Yamada,Yoshimitsu Tajima	147	Development of Real-Time Forecasting Method for Anak Krakatau Volcanic-induced Tsunamis, Indonesia *Rinda Nita Ratnasari,Yuichiro Tanioka,Yusuke Yamanaka, et al.	135	Validation of the coupled model for compound floods by tide, surge, wave, wave overtopping *Junbeom JO,Sooyoung KIM,Nobuhito MORI, et al.
	13	Effect of human interference on the change of mean water level at the entrance of North Branch of the Yangtze Estuary *Chen Fang,Ao Chu,Hailong Wang	62	Investigation of Long-term and Large-scale Shoreline Evolution in West Africa Based on Optical Satellite Data Lianhui Wu,Yoshimitsu Tajima,*Soraya Ono, et al.	148	Modification of the pre-computed tsunami database for real-time tsunami forecasting by the JMA:Response to the 2016 off-Fukushima earthquake by the unexpected mechanism *Yutaka HAYASHI,Masashi KIYOMOTO,Go TANGE, et al.	136	Real-Time Wave-Prediction Method at Arbitrary Locations Using Data Assimilation and a Convolutional Neural Network *Shinichiro Ozaki,Yoshihiko Ide,Tsuyoshi Kotoura, et al.
	121	Experimental study on ship rolling response coupling liquid sloshing *Sheng-Chao JIANG	63	Assessment of long-term shoreline change along Tam Tien coast in Quang Nam province using CoastSat toolkit *Tran Thi Hoai Phuong,Dinh Nhat Quang,Masatoshi Yuhi, et al.	33	Numerical Simulation of Submarine Landslide Tsunami due to 1946 Aleutian Tsunami Earthquake *Tatsuya Nakagaki,Yuichiro Tanioka	22	WRF Dynamical Downscaling for High-Intensity Typhoons of d4PDF *Mangala Amunugama,Yoji Tanaka,Katsuyuki Suzuyama, et al.
122	Multi-variate time-series modeling using buoy monitoring data Hong-Yeon CHO,Hyun-Wook KIM,*Gi-Seop LEE	172	A preliminary estimation of shoreline changes due to offshore tin mining using publicly available satellite imagery *Entin A. KARJADI,Munawir B. PRATAMA,Billy Y. ANUGRAH, et al.	149	Numerical modeling of the interaction between tsunami flow, debris transportation, and buildings *Yudou HOU,Tomoaki NAKAMURA,Kana KAWAMURA, et al.	137	Numerical simulation with macroscopic and microscopic methods of interaction between sloshing flow and perforated baffles *Sen Wang,Tiao-Jian Xu,Guo-Hai Dong	
10:40-11:55	3-R1-2	Titi Sui Generation of nonlinear waves with bottom wave maker using extended Boussinesq equations *Minh Thang TRAN,Changhoon LEE	3-R2-2	Zhiyuan Ren Probabilistic Assessment of Future Shoreline Change along Inlet-Interrupted Coasts in Sri Lanka *Janaka BAMUNAWALA,Jeewanthi SIRISENA	3-R3-2	Jie Yang Tsunamis generated and amplified by atmospheric pressure waves over seabed topography *Taro KAKINUMA	3-R4-2	Ling Teng A method of identifying coastal dunes by UAV mapping - An application to Omotehama Coast, Aichi Prefecture, Japan *Hsiang HSIN,Shin-ichi AOKI
	123		173		150		99	
	124	A novel nearshore nonhydrostatic model with improved dispersion and nonlinear performance *Gang Wang,Hang Wang,Jinhai Zheng, et al.	64	Effect of Beach Nourishment Using Gravel and Maintenance of the Beach on Akiya Coast in Yokosuka City, Japan *Takaaki Uda,Atsushi Yoshioka,Nobumitsu Sasaki, et al.	34	A Practical Simplified Simulation for Predicting the Impact of a Meteorological Tsunami Caused by a Tongan Volcanic Eruption on the Japanese Coast *Kazuya Nojima,Yuji Kozono,Yotaro Watanabe, et al.	100	The use of Unmanned Aerial Vehicle (UAV) for shoreline changes monitoring during the Construction of Patimban Port Development Project *Le Phuong Dong,Yuho Tominaga,Minoru Itsui, et al.
	125	Applicability of a modified Boussinesq-type model for steady levee overflow problems *Jialin YANG,Takenori SHIMOZONO	65	Post-nourishment monitoring in the east section of Sanya Bay Beach China *Junhui XU,Yanhong WANG,Peidong LU	72	Statistical features of the dam-break induced surge impact pressure Zijing Huo,*Haijiang Liu	101	Study on Applicability of UAV Surveying on-site for Beach Monitoring *Tomohiro MORI,Satoshi ANDO,Susumu ONAKA, et al.
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14:30-15:30	3-R1-3	Sota Nakajo Comparison of the Friction Term in Difference Equation of Non-linear Long-wave Equation - Which Method is Superior, the Semi-implicit Method or the Fully Implicit Method? *Masaaki MINAMI	3-R2-3	Taro Arikawa Stability enhanced ISPH method with accurate velocity divergence for robust computation of wave breaking resultant violent flows *Takafumi GOTOH,Abbas KHAYYER,Hitoshi GOTOH	3-R3-3	Tomohiro Takaqawa Probabilistic Tsunami Hazard Assessment from Manila Trench to Shantou City in China *Tingyu ZHANG,Miguel ESTEBAN,Tomoya SHIBAYAMA	3-R4-3	Yasunori Watanabe Application of WRF Dynamical Downscaling of JRA-3Q to Wave Simulation in Inner-Bay Area *Chathura Manawasekara,Mangala Amunugama,Yoji Tanaka, et al.
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