

Time is based on Time Zone in Japan

Keynote lectures: 20min for talk and 10 min for questions

oral presentation: 12 min for talk and 3 min for questions

Day 1: 15th, September 10am-					
Opening 15th, September 10am					
Keynote Lecture 1: Prof. Tetsuya Sumi					
Keynote Lecture 2: Dr. Jonathan Nelson					
Keynote Lecture3: Prof. Xudong Fu					
1 horu break					
Room1	Room2	Room3	Room4	Room5	Room6
Session 1: 15th, September 1:30pm-					
Hydraulic Structure (1)	River morphodynamics (2)	Flood prediction (1)	Environmental hydraulics (General)	Histroal water project: Hydraulic structure	Tsunami
APPLICATION OF RIVER BANK PROTECTION WITH PRIMARY VELOCITY REDUCTION FUNCTION TO CURVED FLOW	HYDRO-GEOMORPHOLOGICAL FORMATION PROCESSES OF SPAWNING HABITATS FOR AYU FISH REQUIRED UNDER TURBID CONDITIONS BY DAM IMPACTS IN THE TENRYU RIVER	PROBABLE MAXIMUM FLOOD INUNDATION SIMULATION FOR RIVERS IN TOYAMA PREFECTURE, JAPAN	THE SWIMMING BEHAVIOR OF TRIBORODON HAKONENSIS IN STREAM-TYPE FISHWAY WITH THE SLOPE OF 1/10	EFFECT OF MASONRY EMBANKMENT LOCATED ON MOUNTAIN SLOPE CALLED AS "IGA-BANE"	CHANGES IN THE FLOW STRUCTURE AND ENERGY LOSS OF A TSUNAMI CURRENT THROUGH FOREST WITH A GAP
Katsutoshi Watanabe, Nozomu Oonaka	Makoto Hyodo, Shinji Takahashi, Hiromi Yamasaki, Yasuhiro Takemon, Tetsuya Sumi	Ryusei Yagi, Shuichi Kure, Shouma Ishikawa, Bambang Adhi Priyambodho	Taisei Sato, Tomoaki Funakoshi, Muneyuki Aoki	Taisuke Ishigaki, Ruiji Kawanaka, Michik Hayashi	Naveed Anjum, Norio Tanaka
FLOW DETAILS AROUND PILE-GROUP GROYNES	RIVERBED INCISION IN THE VIETNAMESE MEKONG DELTA DUE TO ALTERED FLOW REGIME AND SEDIMENT LOAD	UNDERGROUND INUNDATION BY SIMULTANEOUS PLUVIAL AND FLUVIAL FLOODING IN URBAN AREA	THREE-DIMENSIONAL MODELLING OF FLOW IN A WEIR AND POOL TYPE FISHWAY WITH ORIFICES FOR DESIGN	HYDRAULIC STUDY ON LEVEE ARRANGEMENT ON KUROBE ALLUVIAL FAN CONSTRUCTED IN THE EARLY 19TH CENTURY	ASSESSMENT OF TSUNAMI PREPAREDNESS MEASURES IN EAST COAST OF SRI LANKA BASED ON 2004 TSUNAMI EVENT
Obaidullah Safie, Akihiro Tominaga	Doan Van Binh, Sameh Kantoush, Tetsuya Sumi, Nguyen Phuong Mai, La Vinh Trung	Mitsuhiro Terada, Taisuke Ishigaki, Taira Ozaki, Keiichi Toda	W.M.L.K.ABEYRATNE, P.S.WEERASINGHE and S.B.WEERAKOON	Tadaharu Ishikawa, Hiroshi Senoo	Renee Josiah, D.P.C. Lakhnath, S. Araki
EXPERIMENTAL INVESTIGATION ON ARTIFICIAL CONTROL AGAINST PERIODICALLY DEFLECTED FLOW IN SUBMERGED HYDRAULIC JUMP	VARIABILITY IN STAGE-DISCHARGE RELATIONSHIPS IN RIVER REACH WITH BED EVOLUTIONS	DEVELOPMENT OF DYNAMIC FLASH FLOOD HAZARD INDEX (DFFHI) IN WANG RIVER BASIN, THAILAND	RIVERBED VARIATION AS INFLUENCED BY NATURAL AND HUMAN-INTERFERED PHENOMENA OF GENDOL RIVER, MT. MERAPI AREA, INDONESIA	SEDIMENT BYPASS TUNNEL OF THE OLDEST MASONRY DAM IN JAPAN ~Kobe Nunobiki Dam Bypass System and Dam Resiliency Upgrade~	HIGH RESOLUTION NUMERICAL MODELLING OF TSUNAMI INUNDATION USING QUADTREE METHOD AND GPU ACCELERATION
Youichi Yasuda, Shintaro Narazaki	Robin Kumar Biswas, Shinji Egashira, Daisuke Harada	Sathit Chantip, Nat Marjang, Kobkiat Pongput	Djoko Legono, Paula Swastika, Bambang Yulistyanto, Radianta Triatmadja, Intan Supraba	Makoto MATSUSHITA	Shuang Gao, Greg Collicutt, William J. Syme, Philip Ryan
COMPUTATIONS OF THE FLOWS OVER THE WEIR CHANGING FROM THE SUBMERGED TO SURFACE FLOWS	A ONE-DIMENSIONAL HYDRO-SEDIMENT-MORPHODYNAMIC MODEL FOR THE CHANGJIANG WATERWAY	FLOOD RISK ANALYSIS FOR THE ISHIKARI RIVER CONSIDERING RAINFALL PATTERNS USING DOWNSCALED D4PDF DATA	MIXING CHARACTERISTICS OF 45° INCLINED DUCKBILL DENSE JETS IN CO-FLOWING CURRENTS	DEVELOPMENT AND MANAGEMENT OF RIVER FLOOD CONTROLS AND WATER UTILIZATION FACILITIES IN THE MIDDLE AND LOWER REACHES OF THE ISHIKARI RIVER OVER 100 YEARS - TRANSFORMATION OF COLD REGION PEATLANDS INTO ONE OF JAPAN'S TOP RICE CULTIVATION AREAS, LEADING TO THE FORMATION OF A MAJOR ECONOMIC ZONE -	INLAND FOREST MODEL DESIGN CONSIDERING TSUNAMI BORNE LARGE DRIFTWOOD
Seongwook Choi, Sung-Uk Choi	Chunchen Xia, Hui Liang, Zhixian Cao, Songbai Peng, Youwei Li, Qifeng Liu, Wei Zhang	NGUYEN THANH THU, Makoto Nakatsugawa, Tomohito Yamada, Tsuyoshi Hoshino	Mingtao Jiang, Wei Chen, Adrian Wing-Keung Law	Hideto Kon, Takashi Inoue, Yasuyuki Hirai, Kazumasa Nakamura, Satomi Kawamura	Rowan Sachika De Costa, Norio Tanaka
PERFORMANCE EVALUATION OF BANDAL-LIKE STRUCTURES FOR SEDIMENT MANAGEMENT IN BRAIDED JAMUNA RIVER	VEGETATION EFFECTS ON THE LATERAL CHANNEL MIGRATION DURING 2016 AUGUST FLOODS IN THE OTOFUKE RIVER	COMBINING TWO ALGORITHMS AS A TRANSITION RULES FOR CA-BASED INUNDATION MODEL	STUDY ON A MONITORING METHOD FOR SEAGRASS BEDS USING ENVIRONMENTAL DNA	A GLIMPSE OF THE WATER MANAGEMENT POLICY IN THE CHOSUN DYNASTY (1392-1910) IN KOREA THROUGH THE ASPECT OF EMBANKMENTS	THE EFFECT OF LARGE DEBRIS DAMMING ON SCOUR BEHIND A SEAWALL DUE TO TSUNAMI ACCELERATION
Md Ashiqur Rahman, MD Munsur Rahman, Shampa, Anisul Haque, MD Maruf Dustegir, Nusrat Jahan Nishat, Hajime Nakagawa, Motaher Hossain	Tomoko Kyuka, Satomi Yamaguchi, Kazunori Okabe, Yasuyuki Shimizu, Hideto Kon	Obaja Triputera Wijaya, Tsun-Hua, Yang	Maiko Akatsuka, Yuriko Takayama, Edwin Muchebye, Kazunori Ito, Tomohiro Kuwae, Kenta Watanabe, Toshifumi Minamoto	Hyoseop Woo, Byungman Yoon, Young-Uk Kim, Ha-Young Jang	Warniyati Seimahuira, Radianta Triatmadja, Nur yuwono
CAVITATION INTENSITY IN GLASS BEAD-WATER MIXTURES BASED ON IODOMETRIC TITRATION	MORPHODYNAMICS OF A SMALL MEANDERING RIVER IN THE AMAZON BASIN FROM LANDSAT AND UAV	CONVOLUTIONAL NEURAL NETWORK (CNN)-BASED TRANSFER LEARNING IMPLEMENTED TO TIME-SERIES FLOOD FORECAST	DIATOMS AND DINOFLAGELLATES DISTRIBUTION DURING DRY SEASON IN MARCROTIDAL TANINTHARYI RIVER ESTUARY, MYANMAR	INVESTIGATION OF HYDRAULIC CHARACTERISTICS OF ANCIENT INLET SLUICE BARREL IN NUWARA WEWA RESERVOIR	MEASUREMENT AND CALCULATION OF BORE PROPAGATION IN MEANDERING RIVER
Dingkang Xia, Kunpeng Su, Jianhua Wu, Xinming Zhang	Kattia Rubi Arnez Ferrel, Jonathan Nelson, Yasuyuki Shimizu	Nobuaki Kimura, Daichi Baba	Lett Wai New, Gubash Azhikodan, Katsuhide Yokoyama, Masashi Kodama, Nay Oo Hlang, Nyo Nyo Tun	Ganila Paranavithana, J.M.W.S. Jayasundara, H.W.G. Harindra, W.D.N. Ranasinghe, R.S. Ranasinghe	Daisuke Kobayashi, Tatsuhiko Uchida, Yoshihisa Kawahara
30 min break					
Session 2: 15th, September 3:30pm-					
Hydraulic structure (2)	River basin management	Flood prediction (2)	Water quality	Historical water project: Water management	Tsunami and storm tides
PROPOSAL OF SLOPING ENERGY DISSIPATOR WITH STACKED BOULDERS IN LOW DROP STRUCTURES	DISCHARGE ESTIMATION BY STIV COMBINED WITH THE MAXIMUM ENTROPY METHOD	RESEARCH ON DAM INFLOW PREDICTION DURING SEVERE FLOOD USING MACHINE LEARNING METHODS	IMPROVEMENT OF WATER QUALITY USING A TRIANGULAR SOLAR STILL	A REVIEW OF RECENT RESTORATION OF THE CHUGUGI RAINFALL DATA (1770~1910) IN KOREA	HINDCAST OF TYPHOON JONGDARI AND NON-TIDAL SEA LEVEL RESIDUALS IN MIKAWA BAY USING FDDA IN WRF
Youichi Yasuda, Keito Masui	Takuya Hamada, Ichiro Fujita, Kojiro Tani, Keisuke Nakayama	Makoto Nakatsugawa, Riko Sakamoto, Yosuke Kobayashi	Amir Asyraf, Hiroaki Terasaki, Kenji Furuichi, Shunya Kato, Tomohiro Umemura, Teruyuki Fukuhara, Mika Hasegawa,	Hyeonjun Kim	Ryo Nakamura, Kyeong Ok Kim, Shigeru Kato, Ryota Nakamura, Takumi Okabe
THE EFFECT OF GRAIN SIZE IN DIKE BREACHING DUE TO OVERTOPPING FLOWS	APPLICATION OF OPTICAL FLOW TECHNIQUES FOR RIVER SURFACE FLOW MEASUREMENTS	FLOOD SUSCEPTIBLE ANALYSIS AND INUNDATION RISK MAPPING FOR A REGULATED RIVER, CASE STUDY: SG. TAJAR	CHANGES IN WATER QUALITY DUE TO ANTHROPOGENIC ACTIVITIES AND FEASIBLE BIOLOGICAL NITROGEN REMOVAL METHODS FOR SALINE WATER-CASE STUDY IN NEW ZEALAND	HISTORICAL WATER PROJECTS IN KYUSHU DISTRICT, JAPAN, AND A CURRENT PROJECT IN AFGHANISTAN	NUMERICAL ANALYSIS OF STORM TIDES ALONG THE NORTHERN COAST OF CAGAYAN, PHILIPPINES
Shinichiro Onda, Koichi Shimizu, Yosuke Higo, Takashi Hosoda	Jumpei Yagi, Kojiro Tani, Ichiro Fujita, Keisuke Nakayama	Eny Suria A Jalil, Shanker Kumar Sinnakaudan, Mukhlis Zainol	Yashika De Costa, Wei-Qin Zhuang	Toshiyuki MORIYAMA	IMEE BREN VILLALBA
DAMAGE TO BRIDGES DUE TO MEDIUM SCALE FLOODING: A CASE STUDY OF THE IWANE OHASHI BRIDGE	BASIC STUDY ON DRAINAGE METHOD FROM A RETARDING BASIN TO THE UJI RIVER	FLOOD FORECAST BASED ON DEEP LEARNING USING DISTRIBUTION MAP OF PRECIPITATION	LONG-TERM CHANGE OF RIVER WATER TEMPERATURE FLOWING INTO RESERVOIRS IN JAPAN	A TRADITIONAL FLOOD MANAGEMENT TECHNOLOGY IN KASE RIVER BASIN, JAPAN	STORM SURGE FORECASTING AND INUNDATION ESTIMATION DURING TROPICAL STORM PABUK 2019 IN THE SOUTHERN COAST OF THAILAND
Tomoya Matsuda, Yasuharu Watanabe	Yoshiya OGAWA, Masanori Sera, Shota Michikata, Tomoki Yamamoto, Akitsugu Kajitani, Yuko Ishida	Go OHNO, Kazunori Ito	Yusuke Kume, Makoto Umeda	Koichiro Ohgushi	WATIN THANATHANPHON, NARONGRIT LUANGDILOK, KACHAPOND CHETTANAWANIT, PIYAMARN SISOMPHON

CAVITATION DAMAGE IN PARTICLE-LADEN LIQUIDS WITH CONSIDERING PARTICLE CONCENTRATION AND SIZE	ANALYZING LONG-TERM CHANGES IN WATER DISCHARGE AND SOIL CONDITION OF OGOUCHI RESERVOIR	INUNDATION ANALYSIS MODEL ON CARTESIAN COORDINATE SYSTEM CONSIDERING INFLOW AND OUTFLOW INTO HOUSES	WATER TEMPERATURE SIMULATION OF RIVERS IN INDONESIA	A HISTORY OF WATER IN THE KINGDOM OF WATER, TOYAMA, JAPAN	ENERGY REDUCTION IN TSUNAMI THROUGH A DEFENSE SYSTEM COMPRISING AN EMBANKMENT AND VEGETATION ON A MOUND	Poster
Kunpeng Su, Jianhua Wu, Dingkang Xia, Zhiyu Ding	Charles John C. Gunay, Chika Nakagawa, Katsuhide Yokoyama	MAKOTO TAKEDA, Masaya Abe, Yusuke Nakajima, Maataka Murase, Naoki Matsuo	Intan Supraba, Istiarto, Radianta Triatmadja, Djoko Legono	Taichi Tebakari	Md Abedur Rahman, Norio Tanaka, A H M Rashedunnabi, Yoshiya Igarashi	
HYDRAULICS OF 3D-AERATOR WITH LATERAL ENLARGEMENTS ON SPILLWAYS	HYDRAULICS SIMULATION OF RUBBER DAM FOR OPERATIONAL AND EMERGENCY RESPOND GUIDELINES IN WEST FLOOD CANAL, SEMARANG, INDONESIA	APPLICATION OF IRIC SOFTWARE FOR FLASH FLOOD DISASTER PREDICTION IN LAOS AND THAILAND	STATISTICAL ANALYSIS OF DECADEAL WARMING AND COOLING TRENDS IN EQUILIBRIUM WATER TEMPERATURE IN JAPAN	HISTORICAL RIVER COURSE CHANGES AND PADDY FIELDS DEVELOPMENTS IN THE ARAKAWA RIVER BASIN, JAPAN AND THE ROLE OF SECOND EMBANKMENTS IN THE RECENT 2019 FLOODING EVENT	STABILITY OF SAND TUBE SEAWALL AS A TSUNAMI PROTECTION	
Fei Ma, Jian-Hua Wu, Kunpeng Su, Jianrong Xu	Wahyudi S.I., Intan Nurcahyani, Henny Pratiwi Adi	Wongsa Sanit, Uruya Weesakul	Hitoshi Miyamoto, Kohei Kamimura	Norio Tanaka, Hayato Kajitani, Kengo Fushimi	Radianta Triatmadja, Warniyati, Djoko Legono, Intan Supraba, Nur Yuwono	
COMBINED SEEPAGE BENEATH GRAVITY HYDRAULIC STRUCTURES BASED ON DROPPED BED	HYDRAULIC SIMULATION OF TIDAL FLOOD HANDLING OF PABEAN DRAINAGE SYSTEM IN PEKALONGAN, INDONESIA	DEEP LEARNING APPROACH FOR PREDICTION OF WATER LEVEL IN RIVERS	DAILY BEACH WATER QUALITY FORECAST: 3D DETERMINISTIC MODEL VS STATISTICAL MODEL		IMPROVED NUMERICAL SIMULATION AGAINST OVERFLOW FROM EMBANKMENT UNDER STEADY AND UNSTEADY FLOW CONDITIONS BY CONSIDERING NON-	
AHMED. M. ABDELRAZEK, MOHAMMAD. A. ABOUROHIEM	Henny Pratiwi Adi, Wahyudi S.I., Jonathan Lekkerkerk	Takehiko Ito, Ryo Kaneko, Tooya Kataoka, Shiho Onomura, Yasuo Nihei	David KW Choi, Joseph H.W. Lee		Yoshiya Igarashi, Norio Tanaka	
		FLASH FLOOD PREDICTION USING HIGH RESOLUTION SATELLITE RAINFALL DATA IN THE SOUTHERN PART OF THAILAND	PREDICTION OF LEAD CONCENTRATION AT CONSUMER TAP OF LEAD CONTAMINATED WATER SUPPLY SYSTEM IN HIGH-RISE BUILDINGS			
		Theerapol Charoensuk, Apimook Mooktaree, Sathit Chantip, Ticha Lolupiman, Watin Thanathanphon, Narongrit Luangdilok, Piyamarn Sisomphon	Lu CHANG, Shu Ning Chan, Joseph hun Wei Lee			
30 min break						
<b>Session 3: 15th, September 5:30pm-</b>						
<b>Sediment transport (2)</b>	<b>Irrigation and Drainage</b>			<b>Water resources engineering and management</b>		
THREE-DIMENSIONAL NUMERICAL SIMULATION OF SEDIMENT CONTROL AT LATERAL DIVERSION	IMPACT OF CLIMATE CHANGE ON TIDAL IRRIGATION CASE STUDY: TERANTANG IRRIGATION UNIT, INDONESIA			STUDY ON ASSESSMENT OF FLOOD DISASTER LOSS IN TAIHU LAKE BASIN		
Kazuyuki Ota, Takahiro Sato	Maya Achyadi, Koichiro Ohgushi, Toshihiro Morita			Weiwei Shao, Xin Su, Jiahong Liu Zhiyong Yang, Chao Mei, Zhaohui Yang		
EROSION RATE OF BED SEDIMENT IN TERMS OF ENTRAINMENT CONCEPT	FEASIBILITY OF COASTAL RESERVOIRS FOR FRESH-WATER STORAGE IN NEW ZEALAND			SNOW COVER MAPPING FOR SUSTAINABLE WATER RESOURCE MANAGEMENT IN THE BALKHAB RIVER BASIN IN AFGHANISTAN USING MODIS SATELLITE NORMALIZED DIFFERENCE SNOW INDEX (NDSI) PRODUCTS		
Daisuke Harada, Egashira Shinji	Induka Werellagama, Gregory De Costa, binil Davis			Hussainzada Wahidullah, Han Soo Lee, Vinayak Bhanage		
TIDAL CURRENTS AND SAND BAR EVOLUTION IN SITTAUNG RIVER ESTUARY, MYANMAR	BREAKPOINT REACTION OF CHLORINE JETS IN AMMONIA NITROGEN AND TREATED PRIMARY EFFLUENT: MODELING AND EXPERIMENTAL STUDY			IMPACT OF DECREASING GLACIER COVER ON STREAMFLOW OF THE GILGIT RIVER BASIN, KARAKORAM, PAKISTAN		
Tanjir Saif AHMED, Shinji Egashira, Daisuke Harada	SHU NING CHAN, Q.S. Qiao, J.H.W. Lee			Sohaib Baig, Takahiro Sayama, Kaoru Takara		
BEDLOAD DISCHARGE MEASUREMENT IN ACTUAL RIVER WITH MBES AND ADCP	REDUCING ENERGY CONSUMPTION IN PRESSURIZED IRRIGATION NETWORKS USING NEURAL NETWORKS-SOMS CLUSTERING TECHNIQUE			EVALUATION OF IMPACT OF CLIMATE CHANGE AND RURAL DEVELOPMENT ON RAINFALL-RUNOFF IN A SOUTHEAST ASIAN WATERSHED BY A DISTRIBUTED MODEL INCORPORATED WITH TANK MODELS FOR SEVERAL LAND USES		
Koichi Tsuchida, Masahiro Hashiba	Ahmed M. Abdelrazek, Engy M. Khalil, Farouk A El-Fitany, Mohammad, A. Abourohiem			Asari Takada, Kazuaki Hiramatsu, Ngoc Anh Trieu, Masayoshi Harada, Toshinori Tabata		
NON-EQUILIBRIUM BED VARIATION ANALYSIS IN STONY-BED RIVERS CONSIDERING CHANGES IN THE BED SURFACE STRUCTURE: APPLICATION TO ENLARGEMENT MECHANISM OF THE MONOBE RIVER MOUTH DUE TO FLOODS	IMPLEMENTATION OF THE ANN MODEL TO A COMPLICATED DRAINAGE SYSTEM			RESEARCH OF INITIAL WATER RIGHTS ALLOCATION IN LONG-DISTANCE WATER TRANSFER PROJECT		
Yoshiharu Takemura, Shoji Fukuoka	Nobuaki Kimura Ikuo Yoshinaga, Kenji Sekijima Issaku Azechi, Daichi Baba			Ting Wang, Yu Liu		
FACTORS AFFECTING THE CONTINUITY OF RIVER BED ELEVATION AT THE SLIT THE SITE OF SLIT TYPE CHECK DAM	TRACING CROP WATER DEMAND IN THE LOWER PING RIVER BASIN, THAILAND USING CLOUD-BASED IRRISAT APPLICATION			EXPLORING THE GROUNDWATER HYDROGRAPHS OF CHOU-SHUI CHI ALLUVIAL FAN BY LINEAR SIGNAL MODEL (LSM)		
Sayumi Katayama, Yasuharu Watanabe, Taiki Kibuchi	Khin Muay Kyaw, Arreya Rittima, Yutthana Phankamolsil, Allan Sriratana Tabucanon, Wudhichart Sawangphol, Jidapa Kraisingka, Yutthana Talaluxmana, Varawoot Vudhivanich			OUEDRAOGO ABDOUL RACHID, Shaohua Marko Hsu, Yu-Wen Chen		
MORPHOLOGICAL COMPUTATION OF A CASCADE SYSTEM OF DAMS USING DELFT3D-FM COUPLED WITH A REAL-TIME CONTROL TOOL	ASSESSMENT OF IRRIGATION PERFORMANCE OF SEKAMPUNG BATANGHARI IRRIGATION AREA, LAMPUNG PROVINCE, INDONESIA			SALINITY DYNAMICS UNDER SEA LEVEL RISE SCENARIOS IN THE RED – THAI BINH RIVER DELTA, VIETNAM		
Sanjay Giri, Haoxi Huang, Amgad Omer, Yuichi Kitamura	Dyah Indriana Kusumastuti, Dwi Jokowinarno			NGUYEN THI HIEN, Nguyen Hai Yen, Matteo Ballocrochi, Vu Minh Cat, Roberto Ranzi		

Day 2: 16th, September 10am-					
Keynote Lecture 4: Prof. M. Levent Kavvas Title: Stochastic Saint Venant's Equations for Unsteady Open Channel Flow: Modeling their Time-Space Evolving Probability Distributions					
Keynote Lecture 5: Prof. I.W. Seo Title: Mixing in Rivers - Dispersion and Beyond					
Keynote Lecture 6: Prof. TJ Chang					
30 min break					
Room1	Room2	Room3	Room4	Room5	Room6
Session 4: 16th, September 12:00pm-					
<b>Sediment transport (2)</b>	<b>River engineering (General)</b>	<b>Disaster prevention engineering</b>	<b>Substance transport</b>	<b>Extreme weather (1)</b>	
CAN A MEANDER CUTOFF-INDUCED CHANNEL DEGRADATION BE ALTERNATIVE FOR THE CHANNEL DREDGING? CASE STUDY FOR THE HUALLAGA RIVER, PERU	EXTRACTION OF HAZARDOUS LOCATIONS IN MARCH, 2018 HOKKAIDO ICE JAM FLOOD	HYDROLOGIC AND HYDRAULIC MODELING OF PANAY RIVER UNDER TROPICAL STORM BOLAVEN 2018 RAINFALL EVENT FOR FLOOD MAPPING OF PONTEVEDRA, CAPIZ, PHILIPPINES	IN-SITU ESTIMATION FOR SPATIAL AND TEMPORAL VARIATION OF HYDRAULIC CONDUCTIVITY IN A NEWLY CREATED GRAVEL BAR	WEATHER PROJECTIONS AND DYNAMICAL DOWNSCALING FOR THE REPUBLIC OF PANAMA: EVALUATION OF IMPLEMENTATION METHODS VIA GPGPU ACCELERATION	
Kensuke Naito, Toshiaki Iwasaki, Leo Guerrero, Henry Valverde, Yulissa Estrada, Jorge D. Abad	Taro Koike, Yasuhiro Yoshikawa, Hiroshi Yokoyama	IMEE BREN VILLALBA, Warren Gabayeron, Dominic Bautista	ENBANG XIAO, Yasuhiro Takemon, Sohei Kobayashi, Karim Ibrahim Ahmed, Tetsuya Sumi	Reinhardt Pinzon, Michel Muller, Toshiyuki Nakaegawa, Javier Sanchez-Galan, Manuel Ujaldon, Jose Fabrega	
SUSPENDED MOVEMENT OF POLLUTANT AND SEDIMENT IN OPEN CHANNEL FLOW AS STOCHASTIC PROCESS	EXPERIMENTAL STUDY ON PROCESS OF EXFOLIATION FROM DRIFTWOODS IN FLOOD AT OMOTOGAWA RIVER	OPTIMAL RESERVOIR FLOOD CONTROL CONSIDERING LARGE FLOODS BASED ON RAINFALL-RUNOFF-INUNDATION ANALYSIS	HEAT TRANSFER MODEL OF A LINING BOREHOLE GROUND HEAT EXCHANGER UNDER GROUNDWATER FLOW	NUMERICAL SIMULATION OF RUNOFF GENERATION AND INUNDATION PROCESS OF AN EXTREME PRECIPITATION EVENT IN NEPAL	
Geraldo Wilson Junior, Cid Da Silva Garcia Monteiro	Junya Taniguchi, Kazuya Watanabe, Noritoshi Saito	Maki Iwamoto, D. Nohara, Y. Takemon, T. Koshiba, T. Sumi	Yosuke Suzuki, Hiroaki Terasaki, Teruyuki Fukuhara, Akira Saida, Masahiro Kusama, Haruki Taniguchi, Masato Tanaka	ROCKY TALCHABHADEL, Hajime Nakagawa, Kenji Kawaike, Kazui Yamanoi, Herman Musumari, Tirtha R. Adhikari, Rajaram	
SEDIMENTATION OF A NON-SPHERICAL SOLID PARTICLE UNDER INFLUENCES OF FLOW DISTURBANCES	APPLICATION OF HIGHER ORDER BATHYMETRY REPRESENTATION IN FIXED GRID SHALLOW WATER SOLVERS	NUMERICAL SIMULATION OF FLOOD MITIGATION EFFECTS OF AN ASSUMED RETARDING BASIN	ESTIMATION OF GROUNDWATER RECHARGE USING WETSPASS MODEL IN THE PHANOM THUANSONG PHI NONG-BANG LEN OPERATION AND MAINTENANCE PROJECTS, THAILAND	PERFORMANCE OF A SMALL-COMPACT X-MP RADAR TO MONITOR EXTREME RAINFALL EVENT ON 7 JULY 2018	
Yasuo HATTORI, Hitoshi Suto, Keisuke Nakao, Kiyoshi Toshida, Mitsuharu Nomura	Shuang Gao, Greg Collicutt, William J. Syme	Kenji Kawaike, Hajime Nakagawa, Nanae Watanabe	TEERAPUNYAPONG, Yutthana Phankamolil, Areeya Rittima, Yutthana Talaluxmana, Allan	Magfira Syarifuddin, Mariko Ogawa, Haruhisa Nakamichi, Satoru Oishi, Masato Iguchi	
EXPERIMENTAL INVESTIGATION OF POROSITY AND VOLUME OF SEDIMENT MIXTURE IN STRAIGHT OPEN CHANNEL FLOWS	STUDY ON NUMERICAL SIMULATION OF FLOW STRUCTURES IN A CURVED OPEN CHANNEL	A STUDY ON THE FLOOD CONTROL MEASURES BY EXISTING DAMS IN THE KASE RIVER BASIN IN CONSIDERATION OF GLOBAL WARMING	TRANSPORTATION PATHWAYS OF LAND SOURCE BASED MICROPLASTICS INTO THE MARINE ENVIRONMENTS: THE CONTEXT OF RIVERS	HOT SPOT OF CLIMATE EXTREME EVENTS (FLOODS AND DROUGHTS) IN THAILAND FOR A CHANGING CLIMATE	
Yusuke Hayashi, Tatsuhiko Uchida, Yoshihisa Kawahara	Fikry Purwa Lugina, Tatsuhiko Uchida, Yoshihisa Kawahara	Konan Sakamoto, Hideo OSHIKAWA, Akira Tai, Akihiro Hashimoto, Toshimitsu Komatsu	A. H. M. ENAMUL KABIR, Masahiko Sekine, Tsuyoshi Imai, Koichi Yamamoto	Sawitree Rojpratak, Chaitawatch Sudprasert, Thannob Aribarg, Seree Supharatid	
DEVELOPMENT OF BED VARIATION CALCULATION METHOD CONSIDERING NONEQUILIBRIUM SEDIMENT MOTION AND INTERACTION BETWEEN BED LOAD AND SUSPENSION: APPLICATION TO RIVER MOUTH SANDBAR WITH LARGE-SCALE TOPOGRAPHIC CHANGES DUE TO FLOOD	DETECTION METHOD FOR VULNERABLE POINTS OF RIVERBANK EROSION AGAINST LARGE FLOODS	A SUITABLE RISK INDEX FOR EVALUATING BRIDGE DAMAGE IN THE MISASA RIVER CAUSED BY THE 2018 WESTERN JAPAN FLOODS	FIELD OBSERVATIONS OF VERTICAL PROFILES OF MICROPLASTIC CONCENTRATIONS IN A RIVER	PROJECTION FOR FUTURE CHANGE OF CONFIDENCE INTERVAL AND PREDICTION INTERVAL OF EXTREME RAINFALLS BASED ON BAYESIAN METHOD USING A LARGE ENSEMBLE DATA SET	
Takahisa Gotoh, Shoji Fukuoka	Fumiya Yagi, Tatsuhiko Uchida, Yoshihisa Kawahara	Takashi INOUE, Yuka Yamamura, Yasuo Nihei	Shunsuke Kobayashi, Tomoya Kataoka, Hayata Miyamoto, Yasuo Nihei	Keita Shimizu, Tadashi Yamada, Tomohito Yamada	
A SEDIMENT TRANSPORT MODEL CONSIDERING POROSITY VARIATION OF SEDIMENT MIXTURE COUPLED WITH A EULERIAN DEPOSITION MODEL	FLUME STUDY ON DRIFTWOOD CAPTURING SYSTEM USING RECTANGULAR EMBAYMENT ZONE	A Case Study of Flood Modeling with Adaptive Mesh Refinement	THE IMPACTS OF MICROPLASTIC POLLUTION ON FRESHWATER FISHES IN JAPAN'S KOMAOI RIVER AND TAMA RIVER		
Nao Nakashima, Tatsuhiko Uchida, Yoshihisa Kawahara	TAKAAKI OKAMOTO, Michio Sanjou	Wentao Gong, Yasuyuki Shimizu, Toshiki Iwasaki	Saori Oshiro, Naoko Okuyama, Tomoya Kataoka, Arata Mukotaka, Yasuo Nihei		
1 hour break					
Session 5: 16th, September 2:30pm-					
<b>Sediment transport (3)</b>	<b>Advancing Co-Design of Integrated Strategies with Adaptation to Climate Change in Thailand (ADAP-T)</b>	<b>Disaster information systems</b>	<b>Eco-hydraulics and management (1)</b>	<b>Extreme weather (2)</b>	<b>Ports, Coastal Engineering and Management (1)</b>
EFFECT OF SHEET LAYER ON THE FLOW CHARACTERISTICS IN AN ALLUVIAL CHANNEL	STUDY OF ADAPTATION MEASURES TO CLIMATE CHANGE ON URBAN AREA IN BANGKOK, THAILAND	AN INTELLIGENT FLOOD EVACUATION MODEL BASED ON DEEP LEARNING OF VARIOUS FLOOD SCENARIOS	FLOOD CONTROL EFFECT AND HABITAT CREATION IN THE MIDDLE BASIN OF THE YODO RIVER USING A RETARDING BASIN	STATISTICAL ANALYSIS OF RAINFALL TREND AND VARIABILITY DUE TO CLIMATE CHANGE IN BANGLADESH	STABILITY PAERFORMANCE ASSESSMENT OF HONEY COMB SHAPE BLOCKS FOR COASTAL ARMOUR UNITS
ANURAG SHARMA	Thidarat Komkong, Sanit Wongsa, Shinichiro Nakamura	Mengtong Li, Tokiyosh Hosono, Tomoharu Hori	Yuko Ishida, Kento Okunishi, Masashi Harada, Yoshiya Ogawa, Masato Maegawa	Mid Rezaul Karim, Sakib Shadman Prosun, Ahmed Farhan Mahabub	Kouhei Oguma, Hiroshi Matsushita, Tomohiro Yasuda
IMPACT OF DOWNWARD SEEPAGE ON PLANE BED ALLUVIAL CHANNELS	ANALYSIS OF LAND USE LAND COVERAGE DYNAMICS AND ITS EFFECTS ON RAINFALL-RUNOFF AND RUNOFF-SEDIMENT PATTERNS IN YOM RIVER BASIN THAILAND	THE ASSIMILATION ANALYSIS OF 2D SHALLOW WATER FLOW MODEL WITH THE ADJOINT METHOD FOR THE PREDICTION OF DOWNSTREAM WATER LEVELS	EFFECTIVENESS ANALYSIS OF MAINTENANCE FLOW FOR NON-ORGANIC MATTERS IN JAPANESE CLASS-A RIVERS	RAINFALL-RUNOFF ANALYSIS CONSIDERING THE UNCERTAINTIES OF RAINFALL INTENSITY AND MODEL PARAMETERS BASED ON THE THEORY OF STOCHASTIC	FUNDAMENTAL STUDY FOR RESISTANCE OF COASTAL DIKE WITH CONCRETE PANELS AGAINST COMPOUND DISASTER OF EARTHQUAKE AND TSUNAMI
Mahesh Patel, Anurag Sharma, Bimlesh Kumar	Aksara Puththivithya, Sasin Jirasirirak, Pakkasetm Thongchai	Tetsuaki Mikami, Shoji Fukuoka, Akihide Watanabe	Marina Kishida, Yui Shinozaki, Kaiko Enomoto, Naoki Shirakawa	Daiwei Cheng, Tadashi Yamada	Mizuki Ueno, Yohei Kawabata, Yasuo Nihei
ANALYSIS OF FLOOD AND RIVER BED VARIATION IN THE KAMANASHI RIVER WITH LARGE AMOUNT OF SEDIMENT DEPOSITION	ASSESSMENT OF SOIL EROSION AND SEDIMENT DEPOSITION USING GIS TECHNIQUE IN THE YOM RIVER BASIN	REGIONAL DISASTER PREVENTION WITH CLOUD-BASED GIS MAPPING AND LOCATION-BASED GAMING: DISASTER PREVENTION GO!	EFFECTS OF SUBMERGED WEIR WITH AN OPENING ON BED DEFORMATION AND FLOW STRUCTURE UNDER LIVE-BED CONDITIONS	A RAINFALL-RUNOFF/FLOOD-INUNDATION MODEL FOR MYOHOJI RIVER BASIN KOBE JAPAN WITH RAINWATER SEWAGE CHANNELS	STUDY ON THE BEHAVIOR OF SUSPENDED SOLIDS IN THE NERITIC REGION IN AN INNER BAY
Shiro Okayama, Yuko Naito, Shoji Fukuoka, Takahisa Gotoh	Prem Rangsiwanichpong	Masaya Uesugi, Toshiyuki Moriyama	Hirokata Une, Terunori Ohmoto, Kazuki Kuranaga	Kenichiro Kobayashi, Atsushi Tamura, Ichiro Fujita, Akinobu Yamamoto, Kazuyoshi Kanayama	Hiroaki Tanaka, Hideo Oshikawa, Akira Tai, Yuichi Hayami

FLUID-SOLID MULTIPHASE NUMERICAL SIMULATION ON LOCAL SCOUR BELOW A WEIR USING COUPLING METHOD OF E-MPS AND DEM	META-ANALYSIS OF WATER QUALITY CHARACTERISTICS IN THE LOWER CHAO PHRAYA RIVER, THAILAND	STUDY ON SUPPORT OF EVACUATION USING HAZARD MAP FOR OVERFLOW	BASIC FIELD SURVEY AND HYDROLOGICAL SIMULATIONS FOR RIVERS IN TOYAMA PREFECTURE, JAPAN FOR HABITAT EVALUATION OF RUI ZHANG, SHUICHI KURE, GUANZHEN BIAN, BAMBANG ADHIPRIYAMBODHO	VALIDATION OF SATELLITE DATASETS FOR THE OPERATION OF FLOOD AND DROUGHT INDICATORS IN CERTAIN REGIONS OF MYANMAR	NUMERICAL MODELING OF SECONDARY FLOW IN MEANDERING ESTUARINE RIVER
Takayoshi Higuchi, Takahiro Saitoh, Yoshihiko Shimizu	Yusuke Horiuchi, Takuya Matsuura, Taichi Tebakari, Sanit Wongsa	Yoshiya OGAWA, Masanori Sera, Kotaro Kusakawa, Kosuke Morii, Akitsugu Kajitani	Rui Zhang, Shuichi Kure, Guanzhen Bian, Bambang Adhipriyambodho	Kay Khaing Kyaw, Ticha Lalupiman, Watin Thanathanphon, Piyamarn	GILLANG NOOR NUGRAHANING GUSTI, Kiyoshi Kawanishi
RAINFALL TREND ANALYSIS AND RELATIONSHIP WITH FLUVIAL DISCHARGE AND SUSPENDED SEDIMENT TRANSPORT IN KALI GANDAKI RIVER BASIN, HIMALAYA, NEPAL	CLIMATE CHANGE AND ADAPTIVE WATER MANAGEMENT IN BANGPAKONG RIVER, THAILAND	REAL-TIME DATA DRIVEN FORECAST SYSTEM FOR COASTAL ALGAL BLOOMS	DEVELOPMENT OF THE GLOBAL FLUVIAL BIOMASS MODEL CONSIDERING DISTURBANCE	APPLICATION OF WEATHER RADAR FOR URBAN FLOOD EARLY WARNING SYSTEM. CASE STUDY OF CHATUCHAK DISTRICT, BANGKOK, THAILAND	REYNOLDS NUMBER EFFECTS OF INTERNAL SOLITARY WAVES PROPAGATING ON A UNIFORM SLOPE
Mehendra B. Baniya, Takashi Asaeda, Takeshi Fujino, Rocky Talchabadel, Shiv Aram K.C., Guligena Muhetaer	Sanit Wongsa, Sunaaree Sueathung, Taichi Tebakari	Jiuhao Guo, Joseph H. W. Lee	Hikari Matsuda, Yui Shinozaki, Naoki Shirakawa	THEERAPOL CHAROENSUK, Narongrit Luangdilok, Ticha Lolupiman, Watin Thanathanphon, Piyamarn	Hai Zhu, Songping Mao, Decai Sun, Lingling Wang, ZheZhen Yu, Cheng Lin
QUANTITATIVE EVALUATION OF WATER AND SUBSTANCES CYCLE IN THE UPPER RIVER BASIN OF KUSHIRO MIRE BY USING SWAT MODEL	Environmental Impact of Irrigation to Groundwater Contamination and Aquifer Vulnerability from Intensive Agricultural Practices in Thailand	A STUDY ON THE EFFECT OF FLOOD EXPERIENCE ON EVACUATION DECISION MAKING USING REINFORCEMENT LEARNING	EFFECTS OF FLOW REGIME ON THE VEGETATION RECRUITMENT AND ESTABLISHMENT IN AN UNREGULATED SANDY STREAMS IN KOREA –FOCUSED ON THE LIMITING SURVIVAL CONDITION OF PIONEER PLANT BY HYDROCHORY	FLOOD HAZARD EVALUATION FOR RIVERS IN TOYAMA PREFECTURE, JAPAN	
Hiroki Ohashi, Makoto Nakatsugawa	AKSARA Putthivithya, Sasin Jirasirirak, Wimolpat Bumbudsanpharoke Khamkanya	Riona Michigashira, Tomoharu Hori	Hyoseop Woo, Chanju Lee, Chang-Rae, Jang, Hyung-Jin Cho	Shouma Ishikawa, Shuichi Kure, Ryusei Yagi, Bambang Priyambodho	

1 hour break

Session 6: 16th, September 4:30pm-

River morphodynamics (1)	Netherlands-Japan joint research project for adaptation to floods in changing climate	Landslides and debris flows	Eco-hydraulics and management (2)	Hydroinformatics	Ports, Coastal Engineering and Management (2)
NUMERICAL COMPUTATION OF ANTIDUNE MIGRATION USING 3D FLOW MODEL	FUTURE CHANGE OF TROPICAL CYCLONE INDUCED RAINFALL OVER THE TOKACHI RIVER BASIN, NORTHERN JAPAN USING DATABASE FOR POLICY DECISION MAKING FOR FUTURE CLIMATE	APPLICATION OF SATELLITE PRECIPITATION DATA TO MODEL THE EXTREME RAINFALL-INDUCED LANDSLIDE EVENT	THE EFFECT OF STORM EVENT ON DETECTION OF THE SPECIES	HYBRID DWT WITH NARX NEURAL NETWORK FOR RESERVOIR INFLOW FORECASTING IN A CHANGING CLIMATE	MULTI-DECADAL VARIABILITY IN GLOBAL WIND AND WAVE CLIMATE: AN ANALYSIS BASED ON MIROC6 DATASET
Shinichiro Onda, Ryoya Inaba, Takashi Hosoda	Tsuyoshi Hoshino, Tomohito Yamada, Hiroaki Kawase	Thapthai Chaitong, Daisuke Komori	SAKIKO YAEHASHI, Mohd, Saiful Farhan Bin Tahir, Hirokazu Haga	Thannob Aribarg, Serre Supharatid	Bahareh Kamranzad, Hiroaki Tatebe, Kaoru Takara
SIMULATION OF RIVER MORPHOLOGY DEVELOPMENT ACCOUNTING FLEXIBILITY OF RIPARIAN VEGETATION	COMPARISON OF HYDROLOGICAL MODELS TO DETERMINE FLOOD CHARACTERISTICS FOR THE TOKACHI RIVER, HOKKAIDO (JAPAN)	INVESTIGATION OF COMPLEX DISASTER OF DEBRIS FLOW AND FLOOD IN HIGASHI RIVER, SHIMATA RIVER SYSTEM	NUMERICAL EXPERIMENTS TO EVALUATE EFFECT OF EXTERNAL FORCES ON TEMPERATURE STRATIFICATION IN LAKE KASUMIGAUURA, JAPAN	UNCERTAINTIES OF MACHINE LEARNING IN PREDICTING THE HYDROLOGICAL RESPONSES OF LID PRACTICES	INTER AND INTRA-ANNUAL VARIATION OF WAVE ENERGY IN SOUTHEAST ASIA
Runye Zhu, TSUBAKI Ryota	Mark Hegnauer, Tsuyoshi Hoshino, Tomohito Yamada	Nozomu ONAKA, Yoshihisa Akamatsu, Takanori Kono, Kohei Yamaguchi	Wang Yueyi, Masayasu Irie, Shunsuke Komuro, Guillaume Auger, Ayato Kohzu	Yang Yang, Ting Fong May Chui	Bahareh Kamranzad, Pengzhi Lin, Wen Yi
THE EFFECTS OF BASIN GEOLOGY ON THE GRAIN SIZE CHARACTERISTICS OF BED MATERIALS AND THE VARIABILITY OF BEDFORM CONFIGURATION AMONG ALLUVIAL RIVERS	ESTIMATION OF PROBABLE RAINFALL CONSIDERING UNCERTAINTY BASED ON MASSIVE ENSEMBLE CLIMATE PROJECTIONS IN THE TOKACHI RIVER BASIN	DETECTION OF RISKY MOUNTAIN STREAM AND SLOPE FAILURE AREA IN NOROGAWA RIVER BASIN USING GIS AND OPTICAL SATELLITE IMAGE	THE FLOW CHARACTERISTICS AROUND THE SPUR DIKES AND SWIMMING BEHAVIOR OF FISH TO IT	ANALYZING HYDROACOUSTIC SIGNALS TO MEASURE THE STREAMFLOW OF A SHALLOW MOUNTAINOUS RIVER	HIGH WAVE CONDITIONS DUE TO TYPHOONS MEASURED AT AN OFFSHORE OBSERVATION TOWER
Menglu Qin, Takeyoshi Chibana	Fumihiko Uemura, Shigekazu Masuya, Takatoshi Yoshida, Noriaki Omura, Sho Tomura, Manabu Chiba, Taro Yamamoto, Atsushi Takeda, Tsuyoshi Hoshino, Tomohito Yamada	Koji Asai, Tomohiro Ishii, Takuzo Amano, Hajime Shirozu	Daiki Akema, Muneyuki Aoki	MOHAMAD BASEL AL SAWAF, Kiyoshi Kawanishi, Masoud Bahreinimotlagh	Yasuyuki Baba, Teruhiro Kubo, Nobuhito Mori, Yasunori Watanabe, Tomohito Yamada, Ayumi Saruwatari, Junichi Otsuka, Yusuke Uchiyama, Junichi Ninomiya, Tomoya Shimura
MEANDERING CHARACTERISTICS OF CIMANUK RIVER FOCUSING ON ASPECT RATIO VARIATIONS AND GEOLOGICAL CONDITION	Calculating flood risk in Obihiro using a risk based approach	EXTRACTION OF SLOPE FAILURE BEHIND AGRICULTURAL RESERVOIRS DUE TO HEAVY RAINFALL USING REMOTE SENSING	THE IMPACT ASSESSMENT OF RIVERBED EXCAVATION WITH A RIVER ECOSYSTEM MODEL	DEVELOPMENT OF A DEEP LEARNING MODEL FOR PREDICTING THE RIVER WATER LEVEL BASED ON THE RAINFALL DISTRIBUTION DATA	PHYSICAL MODELLING YIELDS AN INNOVATIVE BREAKWATER STRUCTURE PROTECTING A REED BED IN LAKE GENEVA FROM WIND-WAVE INDUCED HARMS
Hendra Ramdhani, Takeyoshi Chibana, Agus Santoso	Guus Rongen, U. Fumihiko	Hajime Shirozu, Koji Asai	Yoshihisa Akamatsu, Takanori Kono, Ryutei Inui	Yusuke Nakatani, Motoki Okumura, Shuzo Nishida	Vecsernyes Zsolt, Venturi Andre, Wohl Wend Florent, Gobat Karine, Andreini Nicolas, Jaeger
EXPERIMENTAL STUDY ON SANDBARS EVOLUTION WITH BED EROSION GROWTH IN MIXED ALLUVIAL-BEDROCK UNIFORMLY CURVED CHANNEL	FATALITY ESTIMATION BY LIFE LOSS EVALUATION MODEL FOR THE LARGESCALE FLOODS UNDER FUTURE CLIMATE	NUMERICAL SIMULATION OF DEBRIS FLOW WITH DRIFTWOOD IN THE SOZU RIVER, SAKA TOWN, HIROSHIMA PREFECTURE, JAPAN ON JULY 6 2018	INSTALLATION OF ALTERNATIVE GRAVEL BANKS IN CHANNELIZED RIVER	JAPANESE LAKE INFORMATION IN A WEB APPLICATION, THE CLIMATES OF LAKE BASINS (CGLB)	COMPUTATIONAL MODELLING OF THE IMPACT OF SALT MARSH MANAGEMENT INTERVENTIONS ON COASTAL FLOODING
MAMY RUA ANDRIAMBOAVONIY, ADRIANO COUTINHO LIMA, NORIHIRO IZUMI	Sho Tomura, manabu Chiba, Taro Yamamoto, Fumihiko Uemura, Shigekazu Masuya, Noriaki Omura, Takatoshi Yoshida, Atsushi Takeda, Tsuyoshi Hoshino, Tomohito Yamada,	Naoki Fukuoka, Hiroyuki Nagano, Haruyuki Hashimoto	PIETRO BERETTA PICCOLI, Youichi Yasuda, Robert Boes	Tosiyuki Nakaegawa	WILLIAM G. BENNETT, Thomas J. Van Veelen, Tom P. Fairchild, John N. Griffin, Harshinie Karunarathna
EXPERIMENTAL INVESTIGATION OF SEDIMENT SORTING PROCESSES IN THE VEGETATED CHANNELS	THE ANALYSIS OF FUTURE FLOOD RISK IN HOKKAIDO, NORTHERN JAPAN	MULTI-SENSOR FOR DEBRIS FLOW MONITORING AND WARNING	INSTALLATION OF GROUND SILL WITH STACKED BOULDERS IN CHANNELIZED RIVER	ESTIMATIONS OF STREAMFLOW CHARACTERISTICS THROUGHOUT JAPAN USING ARTIFICIAL NEURAL NETWORK	
Chang-Lae Jang	Tomohito Yamada, Tsuyoshi Hoshino	Ratih Indri Hapsari, Satoru Oishi, Moechammad Sarosa, Ratna Ika Putri	Youichi Yasuda, Pietro Beretta Piccoli Marco	Ryosuke Arai, Yasushi Toyoda, So Kazama	

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A METHOD OF AERIAL STIV WITHOUT REQUIRING OF GROUND CONTROL POINTS	Masahiro Hashiba, Ichiro Fujita, Noriyuki Nishiyama, Yoko Ohta
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FLOW CHARACTERISTICS OF COMPOUND OPEN CHANNEL FLOW WITH DISCONTINUOUS FLOOD PLAIN	Kenshin Teyama, Katsutoshi Watanabe
UNDISTURBED FLUID FLOW FOR IMPROVED MACROSCOPIC ESTIMATION OF DRAG FORCES ACTING ON CIRCULAR CYLINDERS	Satoshi Yokojima, Tatsuhiko Uchida, Yusuke Kazehaya, Yoshihisa Kawahara
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EXPERIMENTAL STUDY ON THE ENERGY DISSIPATION MECHANISM OF THE TWO-STAGE STILLING BASIN IN LOW FROUDE NUMBER FLOW	Han Changhai, Tan Gaowen, Yu Kaiwen, Han Kang
EXPERIMENTAL OBSERVATION AND ANALYSIS ON THE MICRO ARCHITECTURE OF BIOFLOCCULATION SEDIMENT	Huiming Zhao, Yuefeng Zhang, Liqun Tang, Chonghao Wang, Xiaowei Gao, Yuhai Wang, Badin Liu, Chuansheng Guo, Haochuan Feng
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DYNAMIC STATE OF RIVER-MOUTH BAR IN YURAGAWA RIVER AND APPLICATION OF DRONE PHOTOGRAPHY IMAGE TO OBTAIN ITS TOPOGRAPHIAL DATA	seunghwan seo, Tadashi Yamada
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	Taeun Kang, Ichiro Kimura, Shinichiro Onda
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