

15th International Summer Symposium Contents Program

Category 1: Structural Engineering		Date&Time
CS2-1	NUMERICAL STUDY ON WIND FLOW AROUND BOX GIRDER SECTION WITH FLAP COUNTERMEASURE <i>Tran Anh Dat(Yokohama National University)</i>	<i>September 4 8:40-10:10 Room 5-501</i>
CS2-2	FLOW FIELD SIMULATION AROUND ELONGATED RECTANGULAR CYLINDER: EFFECT OF NEAR WALL TREATMENT <i>Haque Md. Naimul(Yokohama National University)</i>	
CS2-3	A COMPUTATIONAL SIMULATION OF FRICTIONLESS CONTACT PROBLEM WITH LARGE DISPLACEMENT <i>ZAKARIA MUHAMMAD NIZAM(Saga University)</i>	
CS2-4	Numerical Study on Damage of Bearing in Continuous Composite Twin I-girder Bridge <i>LAM HEANG(Waseda University)</i>	
CS2-5	ANALYSIS OF SEISMIC RECORDS FROM FULL-SCALE MONITORING OF AN ASYMMETRIC BASE-ISOLATED BUILDING <i>Khalid Tayyab(The University of Tokyo)</i>	
CS2-6	STABILITY ANALYSIS OF THE EFFECT OF SOIL SETTLEMENT ON A CABLE-STAYED BRIDGE IN THE MEKONG RIVER DELTA <i>Hoang Vu(Waseda University)</i>	
CS2-7	<i>Investigation of the shear buckling strength of the web panel with local corrosion</i> <i>Ahn Jin-Hee(Kyushu University)</i>	<i>September 4 10:25-11:55 Room 5-501</i>
CS2-8	Experimental Studies on Vibration Properties Changes of Bridge with RC Piers under Different Vibration Levels <i>AL SEHNAWI REEM(Utsunomiya University)</i>	
CS2-9	LOW CYCLE FATIGUE BEHAVIOR OF CONCRETE FILLED STEEL PIERS <i>Park Jin Eun(Nagoya University)</i>	
CS2-10	EFFECT OF SUBSOIL CLAY LAYERS ON THE SEISMIC BEHAVIOR OF EMBANKMENTS <i>Sadeghi Hamidreza(Kyoto University)</i>	
CS2-11	DYNAMIC BEHAVIOR OF BRIDGE FOUNDATION DURING LIQUEFACTION BY SHAKING TABLE TEST <i>NGUYEN THANH TRUNG(Waseda University)</i>	
CS2-12	Coping strategies for constraints in disaster recovery of developing countries <i>Choi Chang Yeol(The University of Tokyo)</i>	
Category 2: Hydraulic Engineering & Environment		
CS2-13	The effect of river slope on tsunami propagation ascending rivers <i>Roh min(Tohoku University)</i>	<i>September 4 8:40-10:10 Room 5-502</i>
CS2-14	SIMULATION OF STORM SURGE FOR 2005 HURRICANE KATRINA <i>D. P.C. Lagnath(Taisei Corporation)</i>	
CS2-15	THE INFLUENCE OF TSUNAMI WAVE RELATED & EVACUATION RELATED FACOTRS ON THE FATALITY RATIO IN 2011 GREAT EAST JAPAN EARTHQUAKE AND TSUNAMI <i>YUN NAM YI(Waseda University)</i>	

CS2-16	RAINFALL RUNOFF INUNDATION ANALYSIS IN BAGO RIVER REGION <i>TIN AUNG(ICHARM, GRIPS)</i>	
CS2-17	FLOOD HAZARD MAPPING OF DRINI & BUNA RIVER IN ALBANIA <i>ZAIMAJ EGLANTINA(ICHARM, GRIPS)</i>	
CS2-18	Assessment of sediment deposit in Lake Tuni <i>Sossa Ledezma Gabriela(Tohoku University)</i>	September 4 10:25-11:55
CS2-19	NATIONWIDE RIVERINE FLOOD RISK ASSESSMENT IN BANGLADESH BY USING INUNDATION MODELLING WITH GIS AND REMOTE SENSING TECHNIQUES <i>BHUYAN ARIF(ICHARM, GRIPS)</i>	Room 5-502
CS2-20	FLOOD RISK ASSESSMENT OF THE NORTH-EASTERN PART (SURMA RIVER BASIN) OF BANGLADESH USING RAINFALL-RUNOFF-INUNDATION (RRI) MODEL <i>NOMAN HYDER(ICHARM, GRIPS)</i>	
CS2-21	IMPLEMENTATION OF HYDROLOGICAL MODEL FOR FORECASTING PURPOSES IN UPPER MAGDALENA RIVER BASIN, COLOMBIA <i>BERNAL FABIO(ICHARM, GRIPS)</i>	
CS2-22	An Open Source Approach to Automated Hydrological Analysis of Ungauged Drainage Basins in Serbia <i>ZLATANOVIC NIKOLA(ICHARM, GRIPS)</i>	
CS2-23	FLOOD HAZARD MAPPING FOR KALANI RIVER BASIN - SRI LANKA <i>RANASINGHE NALIN(ICHARM, GRIPS)</i>	
CS2-24	River bank stability under boat wave attacks: A field study in Ca Mau Province, the Vietnamese Mekong Delta <i>La Vinh Trung(Saitama University)</i>	September 5 8:40-10:10 Room 5-502
CS2-25	CROSS SECTIONAL DIFFERENCES IN TROPHIC STRUCTURES OF BENTHIC COMMUNITIES IN KISO RIVER ESTUSRY WITH PARTICULAR REFERENCE TO BIVALVES, <i>Corbicula</i> spp. <i>Li Nannan(Nagoya University)</i>	
CS2-26	EFFECT OF FLOOD DISTURBANCE ON THE RIVERINE VEGETATION IN FOUR SELECTED TRIBUTARIES IN ARAKAWA WATER SYSTEM <i>THILAKAWANSHA CHANDRATHILAKE(Saitama University)</i>	
CS2-27	A COMBINED MODEL FOR ASSESSING THE IMPACTS OF RESERVOIR OPERATION ON THE SPATIAL EXTENT OF FLOODING WITHIN A RIVER BASIN <i>Cherry May Mateo(The University of Tokyo)</i>	
CS2-28	CONTINUOUS TREATMENTS OF ESTROGENS BY GLASY CARBON GRANULAR REACTOR <i>Vo Huu Cong(Waseda University)</i>	

Category 3: Geotechnical Engineering

CS2-29	EFFECTS OF PRE-SHEARING HISTORY ON RE-LIQUEFACTION BEHAVIOR OF LOOSE SAND USING STACKED-RING SHEAR APPARATUS <i>Wahyudi Seto(The University of Tokyo)</i>	September 5 8:40-10:10 Room 5-501
CS2-30	THE POSSIBILITY OF DELAYED SETTLEMENT OF ULTRA-SOFT GROUND CONTAINING PEAT DUE TO EMBANKMENT LOADING COMBINED WITH VACUUM CONSOLIDATION <i>Nguyen Hong Son(Nagoya University)</i>	

CS2-31	LIQUEFACTION RESISTANCE OF UNSATURATED INAGI SAND <i>Wang Hailong(The University of Tokyo)</i>	
CS2-32	STATIC COMPACTION OF SOIL UNDER SERIES OF LOADING-UNLOADING CYCLES AT DIFFERENT MOISTURE CONTENTS <i>Kamran Hussain Syed(Saitama University)</i>	
CS2-33	FEASIBILITY OF SEGREGATED SAMPLE PREPARATION USING WATER SEDIMENTATION <i>FAUZI USAMA JUNIANSYAH(The University of Tokyo)</i>	
CS2-34	EXCESS PORE PRESSURE DISSIPATION IN NON-HOMOGENEOUS SOIL DEPOSITS SUPPORTING EARTHEN EMBANKMENTS <i>Maharjan Manika(Tokyo Institute of Technology)</i>	
CS2-35	STRESS-DEFORMATION CHARACTERISTICS OF GEOCELL REINFORCEMENTS CONSIDERING THE EFFECT OF GEOMETRY BY PULLOUT TESTS <i>HAN Xinye(The University of Tokyo)</i>	September 5 10:25-11:15 Room 5-501
CS2-36	Spatial Filters For Extracting Susceptibility Areas of Landslide-dam Formation In GIS <i>FAN YANAN(Kyushu University)</i>	
CS2-37	Rainfall-induced Infiltration in Planar Slopes <i>ZHANG HONG(Kyushu University)</i>	
CS2-38	Numerical Modeling of Water Flow Over Embankment Using Lattice Boltzmann Method <i>OUYANG Mao(Tokyo Institute of Technology)</i>	
CS2-39	DRAINED RESPONSE OF INTERNALLY ERODED COHESIONLESS SOIL <i>KE LIN(Tokyo Institute of Technology)</i>	

Category 4: Planning and Design, Management & Environment

CS2-40	REDUCING VEHICLE SPEEDS ON RESIDENTIAL STREETS: A SINGLE-HUMP EXPERIMENT <i>KOJIMA AYA(Saitama University)</i>	September 6 8:40-10:10 Room 5-501
CS2-41	TURNING RATE ESTIMATION AT A SIGNALIZED INTERSECTION USING PROBE DATA <i>Gaspay Sandy Mae(The University of Tokyo)</i>	
CS2-42	BUS USERS' PERCEPTIONS UNDER DIFFERENT LEVELS OF SERVICE QUALITY <i>KUBOTA HISASHI(Saitama University)</i>	
CS2-43	Travel Demand Forecasting for Planning BRT by Using Stated Preference Approach -Case Study in Vientiane, Laos- <i>Phommachanh Sorlaxin(Nihon University)</i>	
CS2-44	CAUSES AND IMPACTS OF VARIATION ORDERS IN INFRASTRUCTURE PROJECTS <i>Aghamohammadi Parisa(Kyoto University)</i>	
CS2-45	DEVELOPING ELECTRICITY INDEPENDENT VILLAGE USING REGIONS RENEWABLE ENERGY POTENTIAL Case Study: Takengon Rural Aceh, Indonesia) <i>PUTRA MUHAMMAD IKRAMSYAH(Ritsumeikan University)</i>	September 6 10:25-11:55 Room 5-501
CS2-46	Structure of social network observed in the communities affected by the resettlement projects in Vietnam <i>Thanh Hoang Chi(The University of Tokyo)</i>	

- CS2-47 Study on Measurement Method of Impact of Transportation Infrastructure Improvement Using Dynamic Spatial Computable General Equilibrium Model
HIGASHIYAMA YOHEI(Nihon University)
- CS2-48 Possibility to Realize Low Carbon City in Middle-sized City of Asia -Case study in Khon Kaen City, Thailand-
KIKUCHI HIROKI(Nihon University)
- CS2-49 ZONING DESIGN FOR SUSTAINABLE ECOTOURISM MANAGEMENT PLAN STRATEGY IN BOGANI NANI WARTABONE NATIONAL PARK, INDONESIA
Nugroho Bagus Tri(Ritsumeikan University)
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Category 5: Materials

- CS2-50 INFLUENCE OF USING LOW QUALITY MECHANICAL SPLICES AT THE SAME CROSS SECTION ON THE BEHAVIOR OF REINFORCED CONCRETE BEAMS
NGUYEN PHUONG(Saitama University) **September 5
10:25-11:55
Room 5-502**
- CS2-51 An Analytical Investigation of Influence of Bending Radius of Reinforcement on Failure Mechanism in L Beam-Column Joint by FEM
IKUTA KOICHIRO(JGC CORPORATION)
- CS2-52 Non-Linear FE Analysis of Reinforced Concrete Corbels Retrofitted with CFRP
NEUPANE RAM CHANDRA(The University of Tokyo)
- CS2-53 APPLICATION OF IMAGE ANALYZING SYSTEM TO SHEAR TESTS OF HPFRCC BEAMS
KOJIMA RIEKO(The University of Tokyo)
- CS2-54 INVESTIGATING THE USE OF FIBER OPTIC SENSORS IN FERROCONCRETE STRUCTURES
RAHIMI Saber(Islamic Azad University)
- CS2-55 BEHAVIOR OF GFRP AND UHF COMPOSITE GIRDERS WITH FRP BOLTS
Wijayawardane Isuru(Saitama University)
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- CS2-56 AN INTEGRATED MODEL FOR PERFORMANCE ASSESSMENT OF CEMENT-BASED MATERIALS
ELAKNESWARAN Yogarajah(The University of Tokyo) **September 6
8:40-10:10
Room 5-502**
- CS2-57 Effect of heating and re-curing on cracks in high-strength concrete
Henry Michael(Hokkaido University)
- CS2-58 a two-phase model for water absorption of cracked ECC
Luan Yao(The University of Tokyo)
- CS2-59 CORROSION RESISTANCE POTENTIALITY OF RESIN MIXED CEMENT CONCRETE
HAQUE MOHAMMAD NAJMOL(Saitama University)
- CS2-60 Analysis of Effects of Mechanical Properties of Concrete on Corrosion-induced Cracking
Qiao Di(Nagoya University)
- CS2-61 THERMODYNAMIC MODELING OF CARBONATION OF CEMENTITIOUS MATERIALS IN CONTACT WITH SUPERCRITICAL CO₂
Gonera Piotr(The University of Tokyo)
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- CS2-62 Fundamental Study on Strengthening Effect of Concrete Beams Strengthened with Internal PBO Fiber Meshes
Suwanpanjasil Sirapong(Tokyo Institute of Technology) **September 6
10:25-11:55
Room 5-502**
- CS2-63 Shear performance of Pre-damaged PVA-Aggregate Mixed ECC Beam

TAKANO YOSHIYUKI(The University of Tokyo)

CS2-64 Anchorage Performance of Reinforcement with vulnerable area at highly congested reinforcement region

BAIG UMAIR(The University of Tokyo)

CS2-65 MESOSCALE SIMULATION OF TENSION STIFFENING EFFECT OF REINFORCED CONCRETE BY 3D DISCRETE MODEL

EDDY LIYANTO(The University of Tokyo)

CS2-66 SEISMIC DAMAGE EVALUATION OF RC STRUCTURAL MEMBERS USING 3D LATTICE MODEL

Simao Mauro Ricardo(Kobe University)

CS2-67 IRI MEASUREMENT BY VIMS IN CAMBODIA

HENG SALPISOTH(Kyoto University)

Special Session : Presentation of 2013 Study Tour Grant Recipients

1 EFFECTIVE USAGE OF STEEL-CONCRETE COMPOSITE STRUCTURE

Pich Chanvichet(Institute of Technology of Cambodia)

2 TRANSPORTATION INFRASTRUCTURE DEVELOPMENT IN VIETNAM

Tung Thanh Pham(Ho Chi Minh City University of Technology)

3 CONSTRUCTION TECHNOLOGY AND INFRASTRUCTURE DEVELOPMENT IN PAKISTAN

Ali Bin Sohail(NED University of Engineering and Technology)