

## CONFERENCE AGENDA

**FIRST DAY : Monday, November 2<sup>nd</sup>, 2009**

*Plenary Session (1<sup>st</sup> Day)*

Room : Auditorium of Sabuga ITB

TIME	AGENDA
08.00 – 09.00	Registration
09.00 – 09.30	Opening remarks: Chairman of Organing Committee Welcoming Speech: Rector of ITB
09.30 – 10.00	Plenary Lecture 1 (Minister of Public Work of Indonesia)
10.00 – 10.30	Plenary Lecture 2 (Prof. Sunjie Kanie, Hokkaido Univ., Japan) "Sustainable Development in Vulnerable Environments: For Construction and Engineering in Permafrost Regions"
10.30 – 11.00	Coffee Break, Exhibition and Poster Sessions
11.00 – 12.30	Parallel Sessions
12.30 – 13.30	Lunch, Exhibition and Poster Sessions
13.30 – 15.00	Parallel Sessions
15.00 – 15.20	Coffee Break, Exhibition and Poster Sessions
15.20 – 17.20	Parallel Sessions
18.00 – 19.00	Dinner
19.00 – 20.30	Cultural Performance

## SECOND DAY : Tuesday, November 3<sup>rd</sup>, 2009

### *Plenary Session (2<sup>nd</sup> Day)*

Room : Auditorium of Sabuga ITB

TIME	AGENDA
08.00 – 09.00	Registration
09.00 – 09.30	Plenary Lecture 3 (Dr. Tony C. Liu, National Taiwan University, Taiwan) "Concrete Technology for Sustainable Infrastructure"
09.30 – 10.00	Plenary Lecture 4 (Dr. Ir. Puti Farida M., FCEE, ITB, Indonesia) "Toward Sustainable Infrastructure and Built Environment: Striving for Relevance in Civil and Environmental Engineering Education and Research"
10.00 – 10.30	Plenary Lecture 5 (Prof. Shunsuke Ikeda, AUN/SEED-Net) "Transport Processes of Sediment/Nutriens in Watershed and Application to Asian and Pacific Countries"
10.30 – 11.00	Coffee Break, Exhibition and Poster Sessions
11.00 – 12.30	Parallel Sessions
12.30 – 13.30	Lunch, Exhibition and Poster Sessions
13.30 – 15.10	Parallel Sessions
15.10 – 15.30	Coffee Break, Exhibition and Poster Sessions
15.30 – 16.50	Parallel Sessions
17.00 – 17.15	Closing Remarks : Dean of Faculty of Civil and Environmental Engineering ITB

## Parallel Session (1<sup>st</sup> Day)

### Session A - Structure and Material

Room : A

Monday, November 2<sup>nd</sup>, 2009

No	Time	Presenter Name	Paper ID	Country	Title of paper
1	11.00 – 11.30	Invited Speaker (Prof. Shyh Jiann Hwang)		Taiwan (NTU)	Strength Protection Of Eccentricbeam-Column Joints Using A Softened Strut-And-Tie Model
2	11.30 – 11.50	Budi Suswanto	149 A	Indonesia	Shear Behavior and Strength of SRCS Beam Column Joint
3	11.50 – 12.10	Milad Alshebani	115 A	Libya	Allowable Stress Level of Brick Masonry Under Cyclic Loading
4	12.10 – 12.30	Sugeng Triyadi	102 A	Indonesia	Lesson Learn From Traditional-Vernacular Housings in Lampung Toward Sustainable Construction
	12.30 – 13.30	<i>LUNCH, EXHIBITION AND POSTER SESSIONS</i>			
5	13.30 – 13.50	Harianto Hardjasaputra	147 A	Indonesia	The Application of Natural Fibers in Concrete Mixing (NFC) To Increase The Shear Strength and Performance of Concrete Beam
6	13.50 – 14.10	Ali Awaludin	160 A	Japan	Splitting Strength of Plybamboo Reinforced Timber Joints Under Loading Perpendicular to Grain
7	14.10 – 14.30	Data Iranata	150 A	Indonesia	Realistic Simulation of Structural System by Coupling of Simplified Component Model and Rigorous Component Model
8	14.30 – 14.50	Huzaiifa Hashim	152 A	Malaysia	Finite Element Modeling and Updating of a Damage Structure
	15.00 – 15.20	<i>COFFEE BREAK, EXHIBITION AND POSTER SESSIONS</i>			
9	15.20 – 15.40	Agnes Hanna Patty	155 A	Indonesia	A Study on Reinforced Concrete Ductility Using Residual Stress Analysis Applied to Mode I Fracture
10	15.40 – 16.00	Stefanus A Kristiawan	156 A	Indonesia	Mechanical Characteristics of Plymer Modified Mortar As Concrete Patch Repair Material
11	16.00 – 16.20	Ade Faisal	159 A	Malaysia	Effect of Near Fault Ground Motions and Soil Types on the Nonlinear Response of Low Rise RC Building
12	16.20 – 16.40	Endah Wahyuni	157 A	Indonesia	Using Dynamic Measurement to Predic Dynamic Responses of Composite Floor Induced by an Individual Walking Load
13	16.40 – 17.00	Moh. Irwan Juki	101 A	Malaysia	Static Behaviour of Precast Cold-Formed Steel-Concrete Composite Beams With An Innovative Shear Transfer Enhancement
14	17.00 – 17.20	Saptahari Sugiri	321 A	Indonesia	Exprimental Study of Mortar Geopolymer based on Fly Ash Low Calcium

**Session B - Transportation System and Engineering****Room : B****Monday, November 2<sup>nd</sup>, 2009**

No	Time	Presenter Name	Paper ID	Country	Title of paper
1	11.00 - 11.30	Invited Speaker (David Woodward, Ph.D)		UK (University of Ulster)	Review of Sustainable Asphalt Surfacing Research
2	11.30 - 11.50	Muhammad Nanang Prayudyanto	260 B	Indonesia	Evaluation of Fuel Consumption for Congested Network Using Hydro Dynamic Traffic
3	11.50 - 12.10	Sayed Mohammadreza Ghadiri	112 B	Malaysia	Existing and New Technologies to Improve Drivers Speeding Behaviour
4	12.10 - 12.30	Taslim Bahar	262 B	Indonesia	Investigating Structural Relationships Between Service Quality, Satisfaction and Loyalty for Informal Public Transportation Passangers (Case Study: Ojek,s Motorcycle in Bandung City)
	12.30 - 13.30	<i>LUNCH, EXHIBITION AND POSTER SESSIONS</i>			
5	13.30 - 13.50	Harun AlRasyid Lubis	168 B	Indonesia	Indonesian Railway Sector Reform : Challenges and Opportunities
6	13.50 - 14.10	Johnnie E Ben Edigbe	169 B	Malaysia	Comparative Analysis of Highway Traffic at Uncontrolled 4 Way Intersections
7	14.10 - 14.30	Ferry Hermawan	170 B	Indonesia	The Density, Road Network Pattern Identification and Isoprice Perspectives (Case Study in Semarang City-Cental Java)
8	14.30 - 14.50	Edward Ngii	1 72 B	Indonesia	Nickel Slag As an Alternative Material to Substitute stone Dust (Filler) On Road Construction
	15.00 - 15.20	<i>COFFEE BREAK, EXHIBITION AND POSTER SESSIONS</i>			
9	15.20 - 15.40	Kenetsu Uchida	173 B	Japan	Estimations of Stochastic Traffic Capacity and Travel Time Reability in a Road Network
10	15.40 - 16.00	Ofyar Zainudin Tamin	171 B	Indonesia	Sustainable Environmental Evaluation of Urban Travel Demand Management Strategy

**Session C - Water Engineering and Management****Room : C****Monday, November 2<sup>nd</sup>, 2009**

No	Time	Presenter Name	Paper ID	Country	Title of paper
1	11.00 - 11.30	<b>Invited Speaker (Prof. Suprihanto Notodarmojo)</b>		<b>Indonesia (ITB)</b>	<b>Water Supply Engineering in Indonesia : Current and Future Technology</b>
2	11.30 – 11.50	Sri Maryati	116 C	Indonesia	Environmental Condition and Cost of Water Production and Distribution
3	11.50 – 12.10	Fatemeh Panahi	117 C	Iran	Role of Extension Education in Sustainable Agricultural Water Management For Poverty Allevation In Iran
4	12.10 – 12.30	Bambang Yulistiyo	118 C	Indonesia	Tidal Bore at Kampar River
	12.30 – 13.30	<i>LUNCH, EXHIBITION AND POSTER SESSIONS</i>			
5	13.30 – 13.50	Bambang Endro Yuwono	119 C	Indonesia	Strategy of The Implementation of Environmentally Friendly Urban Drainage System
6	13.50 – 14.10	Nur Aini Mohd Arish	179 C	Malaysia	Peak Discharge Estimation Model Using HEC-HMS
7	14.10 – 14.30	Sri Legowo	176 C	Indonesia	Cultivating Pattern Optimization to Improving The Benefit of Irrigation Water Utilization in Candilimo Irrigation area, Mojokerto Regency, East Java Province
8	14.30 – 14.50	Risyana Sukarma	175 C	Indonesia	Effectiveness of Ceramic Filter as Household Water Treatment
	15.00 – 15.20	<i>COFFEE BREAK, EXHIBITION AND POSTER SESSIONS</i>			
9	15.20 – 15.40	Zulhimi Ismail	181 C	Malaysia	Flow Characteristics in a Straight Compound Channel With Vegetated Floodplain
10	15.40 – 16.00	Diana Rahayuningwulan	183 C	Indonesia	Design of Recycle Water System in Medium Scale Food Industry for Sustainable Water Availability
11	16.00 – 16.20	May Thae Su Moe	382 C	Myanmar (AUN/SEED-Net)	Design of Water Treatment Plant for Mandalay Main Canal
12	16.20 - 16.40	Dwi Rinnarsuri Noraduola	182 C	Indonesia	The Role of Riverbank Community in Coastal Urban Ecosystem
13	16.40 - 17.00	Liany A. Hendratta	375 C	Indonesia	An Innovative Approach on Urban Drainage Engineering and management in a Coastal City - a Conceptual Design for The City of Manado, North Sulawesi
14	17.00 – 17.20	Rasmiaditya Silasari	249 C	Indonesia	Development of Detailed Flood Hazard Map, Case Study : Kelurahan Kebon Waru, Tebet Sub District

## Session D - Waste Engineering and Management

Room : D

Monday, November 2<sup>nd</sup>, 2009

No	Time	Presenter Name	Paper ID	Country	Title of paper
1	11.00 - 11.30	Invited Speaker (Dr. Edwan Kardena)		Indonesia (ITB)	The Challenge in Designing, Managing and Operating of Industrial Waste Water Treatment Plant in Indonesia
2	11.30 - 11.50	Norzila Othman	122 D	Malaysia	Isolation and Optimization of Napthalene Degradative Bacteria
3	11.50 - 12.10	Fadjari Lucia Nugroho	123 D	Indonesia	Biosorption of Remazol Golden Yellow 6 Dye By Mixed Culture of Live Fungi
4	12.10 - 12.30	Amitava Bandopadhyay	124 D	India	Recent Innovations in Managing and Utilization of Solid Wastes from Steel Sector
	12.30 - 13.30	<i>LUNCH, EXHIBITION AND POSTER SESSIONS</i>			
5	13.30 - 13.50	Nur Atiqah Ismail	189 D	Malaysia	Effect of Selected Physical and Chemical Parameters on Crystal Violet Decolorization by Immobilized Laccase
6	13.50 - 14.10	Puti Sri Komala	288 D	Indonesia	Flux Stability in Membrane Bioreactor for azo Dye Biodegradation
7	14.10 - 14.30	Wang Jing-Yuan	383 D	Singapore (AUN/SEED-net)	Waste Residues Management for Sustainable Environment
8	14.30 - 14.50	Dima Jawad	194 D	United Arab Emirates	Developing LCCA Model for Solid Waste Management Facility : What is important?
	15.00 - 15.20	<i>COFFEE BREAK, EXHIBITION AND POSTER SESSIONS</i>			
10	15.20 - 15.40	Abdullah Al-Mamun	191 D	Malaysia	Adsorption of Chromium from Water by Carbon Nanotubes Grown on Powdered Activated Carbon
11	15.40 - 16.00	I Made Wahyu Widyarsana	284 D	Indonesia	Study of Computer E-Product Ownership on Household Level in the City of Bandung
12	16.00 - 16.20	Vu Kiem Thuy	367 D	Vietnam (AUN/SEED-net)	Recovery Of Chromate From Chrome Electroplating Waste Water By Anion Exchange Resin Method
13	16.20 - 16.40	Mila Dirgawati	232 H	Indonesia	Preliminary Experimentation of CO2 Adsorption on Activated Carbon
14	16.40 - 17.00	Nadia Paramitha	296 D	Indonesia	Strategy for Sustainable Wastewater Infrastructure Facility Improvement in Slum Area through PNPMD Mandiri Program (Case Study: Sadang Serang Area - Bandung, West Java)

**Session E - Ocean Engineering and Management****Room : E****Monday, November 2<sup>nd</sup>, 2009**

No	Time	Presenter Name	Paper ID	Country	Title of paper
1	11.00-11.30	Invited Speaker (Prof. Carl Martin Larsen)		Norwegia (NUST)	Slender Marine Structure-Key Features And Method For Design Analysis
2	11.30 – 11.50	Imelda Pratiwi	244 E	Indonesia	Fatigue Analysis on Subsea Wellhead High Pressure Housing and Low Pressure Housing
3	11.50 – 12.10	Resmi Bestari Muin	242 E	Indonesia	Shear Deformation and Inertia Rotary Effects on the Large Offshore Structure Natural Frequencies
4	12.10 – 12.30	Harman Ajiwibowo	380 E	Indonesia	Transmission Coefficient on Pontoon for Damping the Short Waves
	12.30 – 13.30	<i>LUNCH, EXHIBITION AND POSTER SESSIONS</i>			
5	13.30 – 14.00	Invited Speaker (Prof. Jun Sasaki)		Japan (Yokohama National University)	Engineering Strategy For Managing Water Quality In Polluted Estuarine Embayment Focusing On Dredged Trenches
6	14.00 – 14.20	Yessi Nirwana Kurniadi	341 E	Indonesia	Morphological Change in Beach Cusps Formulation
7	14.20 – 14.40	Hendra Achiari	239 E	Indonesia	Application of 3D Hydrodynamic-Sediment Model for Cohesive Sediment in Gombong Estuarine Case Study
8	14.40 – 15.00	Febrina P. Y. Sumanti	351 E	Indonesia	Quality Design Control for Eco-friendly Coastal Protection Scheme
	15.00 – 15.20	<i>COFFEE BREAK, EXHIBITION AND POSTER SESSIONS</i>			
9	15.20 – 15.40	Babak Kamali	202 E	Malaysia	Development of Modified L Block Breakwater Armour Unit for Moderate Wave Energy Climate
10	15.40 – 16.00	Nita Yuanita	238 E	Indonesia	Physical Modelling of Pontoon-Type Floating Breakwater for Long-Wave
11	16.00 – 16.20	Eric C Cruz	200 E	Philippines	Hydraulic Analyses for Siting and Design of a Seaport With Limited Coastline and Backshore
12	16.20 - 16.40	Handy Chandra	198 E	Indonesia	The First Fisheries Floating Port in Indonesia, A View From Investment and Technical Aspects
13	16.40 - 17.00	Adam Pamudji Rahardjo	199 E	Indonesia (AUN/SEED-net)	Comparison The Performance of Wave Transformation Models in Simulating Wave Shoaling
14	17.00 – 17.20	Destry Marulitua Siagian	241 E	Indonesia	A Numerical Simulation of Fluid Flow Crossing Pipeline and the Scouring by Using the Application of Laplace Equation

## Session F – Construction Management

Room : F

Monday, November 2<sup>nd</sup>, 2009

No	Time	Presenter Name	Paper ID	Country	Title of paper
1	11.00 – 11.30	Invited Speaker (Prof. Tsunemi Watanabe)	Japan (Kochi Univ. of Tech.)		History and Current Struggle in Public Construction Procurement in Japan
2	11.30 – 11.50	Hardiman M. Yatim	127 F	Indonesia	Inspection of Defect Types During Construction Phase Toward Sustainable Construction and Quality Management : A Case of a Government Hospital
3	11.50 – 12.10	Rehan Masood	213 F	Pakistan	Effective Management System in Construction Contracting Firms A Comparative Analysis
4	12.10 – 12.30	Rudy Hermawan Karsaman	131 F	Indonesia	Public Private Partnership in Infrastructure Development
	12.30 – 13.30	<i>LUNCH, EXHIBITION AND POSTER SESSIONS</i>			
5	13.30 – 13.50	Suyono Dikun	132 F	Indonesia	Public Private Partnership and Modern Project Financing in Indonesia Infrastructure Development: Some Empirical Evidence
6	13.50 – 14.10	Andre Permana	203 F	Singapore	Relevant Issues in Indonesian Privately Financed Toll Road Projects
7	14.10 – 14.30	Alin	130 F	Indonesia	Corrective Action Recommendation for Market Forces Problems That Influence Competitive Construction's Performance in Indonesia
8	14.30 – 14.50	Dewi Larasati ZR	210 F	Japan	Is The Procurement System of Public Works A Root Cause of Low Performance of Construction Project in Indonesia
	15.00 – 15.20	<i>COFFEE BREAK, EXHIBITION AND POSTER SESSIONS</i>			
9	15.20 – 15.40	Reini D. Wirahadikusumah	214 F	Indonesia	Introducing Sustainability in Construction Engineering and Management (CEM) Education
10	15.40 – 16.00	Akhirini	277 F	Indonesia	Identification and Analysis of Risk Factors in Bot Toll Road Project : An Indonesian Study
11	16.00 – 16.20	Bayu Aditya	128 F	Indonesia	Multiplier Effect of Electricity, Gas and Water Supply Infrastructure Sector's Development To The Indonesia Construction Sector
12	16.20 - 16.40	M. Abduh	344 F	Indonesia	A Centralized Rebar Fabrication System for Material Waste Reduction in Construction Projects

**Session G - Geotechnical Engineering****Room : G****Monday, November 2<sup>nd</sup>, 2009**

No	Time	Presenter Name	Paper ID	Country	Title of paper
1	11.00- 11.30	Invited Speaker (Prof. Harianto Raharjo)		Singapore (NTU)	Unsaturated Soil Mechanics for Solving Geotechnical Problems
2	11-30 – 11.50	Lilis Susanti Setianingsih	229 G	Indonesia	A Safety Overview in Logging While Drilling : An Application of Nuclear Logging
3	11.50 – 12.10	Ala'a M. Darwish Al-Khateeb	138 G	Iraq	Stabilization of Empty Underground Circular Storage Tanks Against Uplifting Water Forces
4	12.10 – 12.30	Sabariah Musa	220 G	Malaysia	Emphasis for Hydrostatic Pressure in Soft Soil Area
	12.30 – 13.30	<i>LUNCH, EXHIBITION AND POSTER SESSIONS</i>			
5	13.30 – 13.50	Supriyono	221 G	Indonesia	The Influence of Water Content to Pile Heaving at Active Zone with Various Soil Densities on Expansive Clay
6	13.50 – 14.10	Nazri Mohidin	224 G	Canada	Consolidation of Synthetic Transparent Soil
7	14.10 – 14.30	Chosun Eko Sulistyono	225 G	Indonesia	Application of Dimensional Coefficient in Moment Design of Short Pile in Clay
8	14.30 – 14.50	Franciscus X. Toha	356 G	Indonesia	Environmentally Sustainable Dewatering System in Large Excavations of Buildings in DKI Jakarta
	15.00 – 15.20	<i>COFFEE BREAK, EXHIBITION AND POSTER SESSIONS</i>			

**Session H - Environmental Protection and Management****Room : H****Monday, November 2<sup>nd</sup>, 2009**

No	Time	Presenter Name	Paper ID	Country	Title of paper
1	11.00 - 11.30	Invited Speaker (Dr. Setiawan Wangsaatmaja)		Indonesia (EPA of West Java)	Environmental Platform for Sustainable Development in Decentralization Era : A Case of West Java Province
2	11.30 – 11.50	Indah R S Salami and Nopi S Prihatini	300 H	Indonesia	Comparative of Heavy Metals Concentration in Carp ( <i>Cyprinus carpio</i> L) Cultivated in Different Water Flows
3	11.50 – 12.10	Chusak Kererat	143 H	Thailand	Modeling of LNAPL HMigration In Soil and Through The Soil-Cement Barrier
4	12.10 – 12.30	Syarif Kurniawan	297 H	Indonesia	Environmental Economic Study of Acid Mine Drainage Management Using Cost Benefit Analysis Approach (Case Study : Coal Mine Area of KP-TAL in South Sumatera)
	12.30 – 13.30	<i>LUNCH, EXHIBITION AND POSTER SESSIONS</i>			
5	13.30 – 13.50	Katharina Oginawati	301 H	Indonesia	The Used of Pesticides Identification in the Vegetable and Paddy Rice Field
6	13.50 – 14.10	Ryuta Hazama	309 H	Japan	Environmental Radiation in East Asia by in Situ Gamma Spectrometry and Radiological Aspect of the Usability of the Mud as Building Material Revisited
7	14.10 – 14.30	Idris Maxdoni Kamil	304 H	Indonesia	Environmental Pressure Point Mapping for Developing Environmental Policy : Case Study City of Banda Aceh
8	14.30 – 14.50	Le Thi Hong Tran	363 H	Vietnam (AUN/SEED-net)	Survey And Assessment Water Quality Of Industrial Shrimp At Tien Giang Province,Vietnam
	15.00 – 15.20	<i>COFFEE BREAK, EXHIBITION AND POSTER SESSIONS</i>			
9	15.20 – 15.40	Tri Padmi Damanhuri/ Lucky Lie Junpi	333 H	Indonesia	The Recycling Potential of Poly Ethylene Terephthalate (PET) Drinking Water Bottles
10	15.40 – 16.00	Ratna Permatasari	295 D	Indonesia	Study of Greenhouse Gas Emission from PET Recycling Process of Bottled Drinking Water
11	16.00 – 16.20	Muna Hanim Abdul Samad	348 H	Malaysia	Architecture Education at The Crossroad : Sustainability and Iconic
12	16.20 - 16.40	Sri Puji Saraswati	372 H	Indonesia (AUN/SEED-net)	Evaluation of River Habitat Quality due to Man-made Protection Structure
13	16.40 - 17.00	Hedayat Omdivar	349 H	Iran	Natural Gas Industry in Iran
14	17.00 - 17.20	Aye Aye Ko	373 H	Myanmar (AUN/SEED-net)	Impacts of Human Activities on Some Protected Area in Myanmar

**Parallel Session (2<sup>nd</sup> Day)****Session A - Structure and Material****Room : A****Tuesday, November 3<sup>rd</sup>, 2009**

No	Time	Presenter Name	Paper ID	Country	Title of paper
1	11.00 - 11.30	Invited Speaker ( Prof. K.C. Chang)		Taiwan (NTU)	Lessons Learned On The Highway Bridges In Chi-Chi Earthquake From Damage Investigation To Reconstruction
2	11.30 – 11.50	Andi Arham Adam	163 A	Indonesia	The Effect of Dosage and Modulus of Activator on The Strength of Alkali Activated Slag and Fly Ash Based Geopolymer Mortar
3	11.50 – 12.10	Kohtaroh Iiboshi	318 A	Japan	Corrugation Buckling of Multiwalled Carbon Nanotubes Under Pressure
4	12.10 – 12.30	Iswandi Imran	345 A	Indonesia	Experimental Study on Column to Column Connections of Precast Concrete System Using Sleeve Type of Connections
	12.30 – 13.30	<i>LUNCH, EXHIBITION AND POSTER SESSIONS</i>			
5	13.30 – 13.50	Tony C. Liu	161 A	Taiwan	Life-Cycle Management of Sustainable Public Infrastructure
6	13.50 – 14.10	I Made Alit K. Salain	320 A	Indonesia	Hydration of Ground Vitrified Blast Furnace Slag Activated by Circulating Fluidized Bed Combustion Fly ash
7	14.10 – 14.30	Takashi Matsumoto	325 A	Japan	Fatigue Life Analysis of Fiber Reinforced Concrete Based on Fracture Mechanics and Micromechanics
8	14.30 – 14.50	Wisnumurti	322 A	Indonesia	Repair of Low Quality Masonry Wall Structure with Diagonal Bars
9	14.50 – 15.10	Yew Ming Chian	330 A	Malaysia	An Investigation into Fire Protection of Intumescent Coatings for Steel
	15.10 – 15.30	<i>COFFEE BREAK, EXHIBITION AND POSTER SESSIONS</i>			
10	15.30 – 15.50	Herlien D. Setio	326 A	Indonesia	Base Isolation of Structures Using Hysteretic Non Linear Passive Damper
11	15.50 – 16.10	Zainah Ibrahim	314 A	Malaysia	Modal Identification of a Damage Building Structure by Output Only Analysis
12	16.10 - 16.30	Harun Alrasyid	329 A	Indonesia	Simple House Earthquake Resistant
13	16.30 - 16.50	Muslinang Moestopo	358 A	Indonesia	Proposed Sustainable Steel Structures in Seismic Region

**Session B - Transportation System and Engineering**

**Room : B**

**Tuesday, November 3<sup>rd</sup>, 2009**

No	Time	Presenter Name	Paper ID	Country	Title of paper
1	11.00 - 11.30	Invited Speaker (Prof. Seichi Kagaya)		Japan (Hokkaido University)	Evaluation Of Urban Transportation Planning In View of Sustainability
2	11.30 - 11.50	Hadian Satria Utama	256 B	Indonesia	Scame and Realization Arrangement System of Lamp Traffic by Condition of Traffic Road
3	11.50 - 12.10	Kemas Ahmad Zamhari	257 B	Malaysia	Characteristics of Rejuvenated Bitumen with Used Lubricating Oil as Rejuvenating Agent
4	12.10 - 12.30	Tonny Judiantono	259 B	Indonesia	The Sensivity of Transport and Shopping Location Factors to the Individual Factors of the Shoppers for Shopping Trip
	12.30 - 13.30	<i>LUNCH, EXHIBITION AND POSTER SESSIONS</i>			
5	13.30 - 13.50	Lilian Gungat	166 B	Malaysia	Investigation of Cement Stabilization of Reclaimed Asphalt Pavement (RAP)
6	13.50 - 14.10	Nindy Cahyo Kresnanto	261 B	Indonesia	The Estimation of Fuzzy Travel Cost Under Capacity Restraint Condition
7	14.10 - 14.30	James Maina Kiambigi	167 B	Kenya	Rest stops : Enhancing Road Safety Through a lanning Engineering Option
8	14.30 - 14.50	Rahayu Sulistyorini	263 B	Indonesia	The Development of The Combined Model (Trip Distribution-Mode Choice-Route Choice) Based on Traffic Volumes
9	14.50 - 15.10	Sofyan M. saleh	264 B	Indonesia	Sustainable Transport Infrastructure Through Multimodal Freight Transportation Policy
	15.10 - 15.30	<i>COFFEE BREAK, EXHIBITION AND POSTER SESSIONS</i>			

**Session C - Water Engineering and Management****Room : C****Tuesday, November 3<sup>rd</sup>, 2009**

No	Time	Presenter Name	Paper ID	Country	Title of paper
1	11.00 - 11.30	Invited Speaker (Dr. George W. Annandale)		USA (Golder Associates Inc)	Sustainable Management of Surface Water Reservoir
2	11.30 – 11.50	Iwan K. Hadihardaja	187 C	Indonesia	Adaptive Reservoir Operation Modelling in Response to Climate Change : Citarum Reservoirs in Cascade, Indonesia
3	11.50 – 12.10	Bambang Agus Kironoto	188 C	Indonesia	Suspended Sediment Flow characteristics in Non Uniform open Channel Flow
4	12.10 – 12.30	Agung Wiyono	245 C	Indonesia	Local Scouring around Bridge's Wing-wall Abutment (Laboratory Research)
	12.30 – 13.30	<i>LUNCH, EXHIBITION AND POSTER SESSIONS</i>			
5	13.30 – 13.50	Dantje K. Natakusumah	246 C	Indonesia	Hydrologic And Hydraulic Analysis for Development of Lake Limboto Flood and Sedimentation Prevention Measures
6	13.50 – 14.10	Dhemi Harlan	247 C	Indonesia	Rainfall-Runoff Modelling Using Gr4j On The Case Of Citarum Hulu River Basin
7	14.10 – 14.30	Joko Nugroho	248 C	Indonesia	Study On Small Natural Reservoirs ( <i>Situ</i> ) Improvement For Flood Control At Ciliwung And Cisadane Rivers
8	14.30 – 14.50	Ariani Budi Safarina	250 C	Indonesia	Validity Analysis of Synthetic Unit Hydrograph Methods for Accuracy Flood Discharge Estimation
9	14.50 – 15.10	Mohamad Rangga Sururi	251 C	Indonesia	The Influence of pH to LMW Organic formation: Aldehyde, in Desinfection Process by Ozonation
	15.10 – 15.30	<i>COFFEE BREAK, EXHIBITION AND POSTER SESSIONS</i>			
10	15.30 – 15.50	Ketut Indrawati S.E.P and N. M. Utami Dwipayanti	255 C	Indonesia	Perception of Sanimas User Community and Sanimas Program Facilitator on the CImplementation of Sanimas Program in Denpasar
11	15.50 – 16.10	Sugandar Sumawiganda	342 C	Indonesia	Intelegent Hidro Mechanically Self Controlled Water Gate for Flood Mitigation, water Supply and Drainage in Tidal wetland Coastal Zone and Flood Areas
12	16.10 - 16.30	Md. Hazrat Ali	334 C	Malaysia	Comparing Holtan, green-Ampt and SCS Infiltration Models to Estimate Infiltration in Muda Irrigation Sheme, Malaysia
13	16.30 - 16.50	Sombath Voravongsa	360 C	Laos (AUN/SEED-net)	Drainaged System in Viantiane

**Session D - Waste Engineering and Management**

**Room : D**

**Tuesday, November 3<sup>rd</sup>, 2009**

No	Time	Presenter Name	Paper ID	Country	Title of paper
1	11.00 - 11.30	Invited Speaker (Prof. Nakasaki Kiyohiko)		Japan (TIT) (AUN/SEED-net)	Recovery of energy and Material from Biomass Resources
2	11.30 - 11.50	Theingi Soe	378 D	Philippines (AUN/SEED-net)	Methane Concentration and Methane Emission Rate Measurements on the Final Landfill Cover at the Payatas Controlled Dumpsite: Correlation of Methane Concentration to Field Water Content and Ground Temperature
3	11.50 - 12.10	Phetyasone Xaypanya	379 D	Philippines (AUN/SEED-net)	Linking Methane Emission Rate to Gas Transport Parameters of Final Soil Cover at Payatas Controlled Dump Site in the Philippines
4	12.10 - 12.30	Tjandra Setiadi	366 D	Indonesia (AUN/SEED-net)	Electricity Generation from Tapioca Wastewater Using Microbial Fuel Cell (MFC)
<i>LUNCH, EXHIBITION AND POSTER SESSIONS</i>					
5	13.30 - 13.50	Herto Dwi Ariesyady	357 D	Indonesia	The propionate-oxidizing bacteria (POB) diversity of anaerobic digesters in tropical environment as revealed by 16S rDNA gene cloning analysis
6	13.50 - 14.10	Liza Ferina	335 D	Malaysia	Optimization of Aqueous Remazol Brilliant Blue R (RBBR) Decolorization by Trametes SP. Pallets in Fluidized Bed Reactor
7	14.10 - 14.30	Maria Antonia N. Tanchuling	328 D	Philippines (AUN/SEED-net)	Removal of Lead Ions from Solution Using Coco Peat as Sorbent Material
8	14.30 - 14.50	Siti Suhana Sulaiman	336 D	Malaysia	Dye Decolorization By Pellets of Pycnoporus Sanguineus Using Stirred Tank Reactor
9	14.50 - 15.10	Agus Jatnika Effendi	289 D	Indonesia	The Application of Bioemulsifier Produced by Azotobacter Vinelandii in Bioremediation Oil Contaminated Soil
<i>COFFEE BREAK, EXHIBITION AND POSTER SESSIONS</i>					
10	15.30 - 15.50	Vu Minh Trang	376 D	Vietnam (AUN/SEED-net)	Removal of reactive azo dye in a Sequencing Batch Reactors: Effects of total cycle time and anaerobic/aerobic retention time ratio
11	15.50 - 16.10	Patiparn Punyapalakul	377 D	Thailand (AUN/SEED-net)	Selective Adsorption of Heavy Metals and Ionic Dyes on Silica Coated Superparamagnetic Particles
12	16.10 - 16.30	Bui Xuan Thanh	364 D	Vietnam (AUN/SEED-net)	Performance of Aerobic Granules Coupling with Membrane Bioreactor

**Session F – Construction Management****Room : F****Tuesday, November 3<sup>rd</sup>, 2009**

No	Time	Presenter Name	Paper ID	Country	Title of paper
1	11.00 – 11.30	Invited Speaker (Prof. Tsunemi Watanabe)	Japan (Kochi Univ. of Tech.)		History and Current Struggle in Public Construction Procurement in Japan
2	11.30 – 11.50	Fitri Nugrahaeni	216 F	Indonesia	Utilising a Set of Construction Images to Assess Construction Practice Safety
3	11.50 – 12.10	Asmawan Mohd Sarman	218 F	Malaysia	Road Works estimation Program- Rest
4	12.10 – 12.30	Henny Pratiwi Adi	268 F	Indonesia	Investigating of Influence Factors in Construction Labour Management as Migrant Labour in Malaysia
	12.30 – 13.30	<i>LUNCH, EXHIBITION AND POSTER SESSIONS</i>			
5	13.30 – 13.50	Shunji Kusayanagi	266 F	Japan	A New Movement for Education System Regarding International Construction Management in Asia
6	13.50 – 14.10	Jati Utomo Dwi Hatmoko	267 F	Indonesia	Observing Delays in Construction Building Project : a UK Perspektive
7	14.10 – 14.30	Oyuntsarsal Tseyenbaljir	219 F	Jspan	Special Economic Zone Development in Mongolia
8	14.30 – 14.50	Aries Firman	271 F	Indonesia	The "Rare" Means for PPP in water Resources Project
9	14.50 – 15.10	Susy F. Rostiyanti and Rizal Z. Tamin	272 F	Indonesia	Challenges in Public private Partnership Implementation for Indonesian Toll Road
	15.10 – 15.30	<i>COFFEE BREAK, EXHIBITION AND POSTER SESSIONS</i>			
10	15.30 – 15.50	Mohammed Taher Ahmed	215 F	Malaysia	Benchmarks for Sustainable Formwork System
11	15.50 – 16.10	M. Husnullah P. Krishna S. Pribadi	274 F	Indonesia	Financial Risk Analysis with Correlated Input for Public Private Partnership Infrastructure Project Investment Evaluation
12	16.10 - 16.30	Krishna S. Pribadi	275 F	Indonesia	Comparing Performance of Public and Private Sector Operator in Drinking Water Supply in Indonesia : A Case Study of Bogor and Batam City
13	16.30 - 16.50	Anna Wiewiora	278F	Australia	Understanding Inter-Project Knowledge Transfer: An Integrative Framework

**Session G - Geotechnical Engineering**

**Room : G**

**Tuesday, November 3<sup>rd</sup>, 2009**

No	Time	Presenter Name	Paper ID	Country	Title of paper
1	11.00 - 11.30	Invited Speaker (Prof. Ikuo Towhata)		Japan (Univ. of Tokyo)	Long-term Behaviour of Seismically Disturbed Slopes and Field Monitoring for Risk Mitigation
2	11.30 – 11.50	Nimol Vamoeurn	226 G	Philippines (AUN/SEED-net)	Assessment Method for Evaluating the Risk of Natural Disasters on the Functionality and Serviceability of the Physical Environment
3	11.50 – 12.10	Didiek Djarwadi	228 G	Indonesia	Failure Criterion of Soils During Hydraulic Fracturing Test
4	12.10 – 12.30	Jonathan R. Dungca	137 G	Philippines (AUN/SEED-net)	Tensile Strengh of Coconet Fiber Ropes Exposed to Different Weather Conditions
	12.30 – 13.30	<i>LUNCH, EXHIBITION AND POSTER SESSIONS</i>			
5	13.30 – 14.00	Invited Speaker (Dr. Masyhur Irsyam)		Indonesia (ITB)	Development of Spectral Hazard Map for Indonesia Using Probabilistic Method by Considering Difference Values of Mmax for Shallow Background Sources
6	14.00 – 14.20	Visvalingam Suthagaran	352 G	Australia	Settlement Behaviour of Biosolids stabilised with Bauxsol in Road Embankment
7	14.20 – 14.40	Endra Susila	316 G	Indonesia	An Application of the 3D Finite Element Analysis with Couple Formulation for Solving a Combination Problem of Slope Stability and Scouring of a River : A Case Study at East Kalimantan
8	14.40 – 15.00	Meldi Suhatri	346 G	Malaysia	The Effect of Soil Pile Interaction for Integral Prestressed Concrete Box Girder Bridge Seismic Study
	15.10 – 15.30	<i>COFFEE BREAK, EXHIBITION AND POSTER SESSIONS</i>			
9	15.30 – 15.50	Fabian Johannes Manoppo	353 G	Indonesia	Bearing Capacity Analysis of Flexible Batter Piles in Sand and Clay under Horizontal Loads
10	15.50 – 16.10	Muhardi	231 G	Indonesia	Physical Modelling of Fly Ash Embankment in Mini- Geotechnical Centrifuge

**Session H - Environmental Protection and Management****Room : H****Tuesday, November 3<sup>rd</sup>, 2009**

No	Time	Presenter Name	Paper ID	Country	Title of paper
1	11.00 - 11.30	Invited Speaker (Dr. Delia Dimitriu)		UK (MMU)	Energy Saving, a European Priority, the Link to EMS in Transport/Aviation and Water sector
2	11.30 - 11.50	Drijejana	343 H	Indonesia	Influence of Traffic-related Emissions on the Indoor Air Quality in Resident Build Adjacent to Roads
3	11.50 - 12.10	Puji Lestari and Yandhinur D. Mauliadi	287 D	Indonesia	Application of PMF Model for Sources Apportionment of Aerosol Fine and Coarse Particles During Dry and wet Seasons in Rural Area, Bandung, Indonesia
4	12.10 - 12.30	Kania Dewi	236 D	Indonesia	Oxides of Nitrogen (Nox) Abatement by Photocatalytic Activity Using Titanium Dioxide (TiO2)
	12.30 - 13.30	<i>LUNCH, EXHIBITION AND POSTER SESSIONS</i>			
5	13.30 - 13.50	Anastasia Yunika	217 H	Indonesia	Relationship Between Flood Parameters and the Presence of Water Related Diseases in Jakarta
6	13.50 - 14.10	Ounla Sivanpheng	359 H	Laos (AUN/SEED- net)	A Varied-Utilized Soil Type in LP Model for Irrigation Planning and Management
7	14.10 - 14.30	Ndiyan Yoni Aripa and Barti Setiani M	305 H	Indonesia	The Character and the Potential of Macrophytes as Bioindicator River's Quality which has been Influenced by Anthropogenic Disturbances (Case Study of Ciliwung River, west Java)
8	14.30 - 14.50	Nguyen Thi Anh Tuyet	365 H	Vietnam (AUN/SEED- net)	Cost effectiveness and policy proposals for the development of wind turbine in Vietnam
9	14.50 - 15.10	Natasha Khalil/ Alfiyan	340 H	Malaysia	Post Occupancy Evaluation : Approach to Indoor Environment Improvement for Higher Educational Buildings
	15.10 - 15.30	<i>COFFEE BREAK, EXHIBITION AND POSTER SESSIONS</i>			
10	15.30 - 15.50	Masaaki Suzuki	369 H	Japan (AUN/SEED- net)	New Collaboration Project in Environmental Improvement of Urban River Estuary
11	15.50 - 16.10	Maria Prihandrianti / Mayrina Firdayati	192 D	Germany	Ecological Sanitation an Alternative for a Sustainable Domestic Wastewater Management System in Indonesia
12	16.10 - 16.30	Putri Andini Budiman and Sukandar	290 D	Indonesia	Composting of Sludge from Dairy Industry's WWTP

## Session H - Environmental Protection and Management

Room : E

Tuesday, November 3<sup>rd</sup>, 2009

No	Time	Presenter Name	Paper ID	Country	Title of paper
1	11.00 - 11.30				
2	11.30 – 11.50	Mochammad Chaerul	286 D	Indonesia	Multicriteria Analysis for Selecting Municipal Solid Waste Composting Technology
3	11.50 – 12.10	Florinda Bacani	381 D	Philippines (AUN/SEED-net)	Test and Monitoring of Lead Accumulation Using Plant Metal Accumulator for Potential Phytoremediation
4	12.10 – 12.30	Rhodora M. Gonzalez	386 H	Philippines (AUN/SEED-net)	Remote Sensing, Geographic Information Systems and Shannons Entropy : Measuring Urban Sprawl in Baguio City, Philippines
	12.30 – 13.30	<i>LUNCH, EXHIBITION AND POSTER SESSIONS</i>			
5	13.30 – 13.50	Delia Dimitriu/ Miichaela Simion	303 H	UK	The Importance of Copenhagen Event for a Cooperation of European Commission and Asia-Indonesia
6	13.50 – 14.10	Han Virak	362 H	Cambodia (AUN/SEED-net)	Proposed technical and management methods for protecting the environmental change of Sangker river
7	14.10 – 14.30	Sumiani Yusoff	361 H	Malaysia (AUN/SEED-net)	Evaluation of Carbon Footprint for Improving Environmental Management
8	14.30 – 14.50	Chris Salim	371 D	Japan (AUN/SEED-net)	Treatment of Contaminated Soil using In Situ Washing by Sedimentation Method
9	14.50 – 15.10	Siti Ainun Saleh	294 D	Indonesia	Study of Domestic Packaging Waste Generation (Case Study: Kelurahan Cigadung, Bandung, West Java)
	15.10 – 15.30	<i>COFFEE BREAK, EXHIBITION AND POSTER SESSIONS</i>			
10	15.30 – 15.50	Nguyen Thi Van	374 D	Vietnam (AUN/SEED-Net)	Adsorption of Metallic Ions onto Chitosan coated bentonite: Equilibrium and Kinetic
11	15.50 – 16.10	Heri Andreas	227 H	Indonesia	Caldera Formation Processes on LUSI Mud Volcano and its Impact to People and Their Environment