

PROGRAM

7th Sustain Conference in conjunction with 3rd ICGDTR and 11th Southeast Asia Network Forum (HAKU Meeting 2018)

Pangeran Beach Hotel
Padang - Indonesia, 29 - 30 October 2018

MONDAY, OCTOBER 29th, 2018

07:30 - 08:30	Registration
08:00 - 08:45	Opening Ceremony
08:45 - 09:00	Photo Session, Press Conference, Break
09:00 - 11:30	Plenary Session
	Keynote speaker 1: Prof. Ir. Rahmat Witoelar (Republic of Indonesia President's Special Envoy for Climate Change)
	Keynote speaker 2: Prof. Jun Honna (Ritsumeikan University, Japan)
	Keynote speaker 3: Prof. Kiyoshi Kobayashi (Kyoto University, Japan)
	Keynote Speaker 4: Prof. Shabbir Gheewala (KMUTT, Thailand)
	Question and Answer
	Memento
11:30 - 13:00	Lunch Break

Day 1: Parallel session 1						
	Climate and Change	Human and Challenges	Energy and Environment	Sustainable Tropical Forest	Sustainable Built Environment	Sustainable Agriculture
13:00 - 15:00						
	Room: SATI 1	Room: SATI 2	Room: BASA 1	Room: BASA 2	Room: BATUAH 1	Room: BATUAH 2
	CC9	SC7	EnE48	STF113	BE18	SA41
	CC31	SC46	EnE58	STF103	BE120	SA137
	CC89	SC47	EnE66	STF141	BE23	SA43
	CC144	SC52	EnE166	STF119	BE116	SA151
	CC195	SC95	EnE172	STF142	BE145	SA117
	STF85	SC146				

15:00 - 15:15 Coffee/Tea break

15:20 -17:15	Day 1: Parallel session 2					
	Energy and Environment	Human and Challenges	Sustainable Agriculture	Sustainable Tropical Forest	Climate Change	Sustainable Built Environment
	Room: SATI 1	Room: SATI 2	Room: BASA 1	Room: BASA 2	Room: BATUAH 1	Room: BATUAH 2
	EnE100	SC6	SA77	STF26	CC88	BE16
	EnE11	SC25	SA64	STF118	STF87	BE49
	EnE65	SC82	SA67	STF101	CC196	BE86
	EnE71	SC110	STF114	STF106	CC93	BE19
	EnE96	SC184	SA148	SA62	BE63	BE27

19:00 - 21:00 Gala Dinner at the Sumatra Barat Governor Palace

TUESDAY, OCTOBER 30th, 2018

08:00 - 09:00 Registration

	Plenary Session
09:00 - 11:30	Keynote speaker 5: Prof. Yoko Hayami (CSEAS Kyoto Univ., Japan)
	Keynote speaker 6: Prof. Taufiq Yap (Universiti Putra Malaysia)
	Keynote speaker 7: Dr. Paul Burgers (CO2 Operate BV, the Netherlands)
	Keynote Speaker 8: Prof. Rudi Febriamansyah (Andalas University, Indonesia)
	Question and Answer
	Memento
11:30 - 13:00	Lunch Break

13:00 - 15:00	Day 2: Parallel session 1					
	Energy and Environment	Human and Challenges	Sustainable Built Environment	Sustainable Built Environment	Sustainable Agriculture	Sustainable Built Environment
	Room: SATI 1	Room: SATI 2	Room: BASA 1	Room: BASA 2	Room: BATUAH 1	Room: BATUAH 2
	EnE147	SC91	BE40	BE70	SA45	BE33
	EnE182	SC97	BE104	BE138	SA139	BE76
	EnE99	SC98	BE112	BE140	SA143	BE12
	EnE124	SC102	BE153	BE181	SA152	SC29
	EnE188	SC107	BE127	BE185	SA183	
	EnE125	SC190				

Day 1: Paralel Session I (October 29, 2018) Time: 13.00 - 15.00

ROOM SATI 1 CLIMATE CHANGE

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	13:00	13:15	CC9	Sugeng Nugroho	Extreme climate changes and projections in West Sumatera
2	13:20	13:35	CC31	Wendi Harjupa	The Verification of Rapid Scan Observation of Himawari-Estimated Cumulus Life Stage through Rapid Development Cumulus Area Index by Using Radar Polarimetric Parameter
3	13:40	13:55	CC89	Ryosuke Kajita	Historical Precipitation Records in Sumatra and Kalimantan, by using Dutch Colonial Materials 1879-1900
4	14:00	14:15	CC144	Tri Handoko Seto	Role of Weather Modification Technology in Hydro-Meteorological Disaster Mitigation
5	14:20	14:35	CC195	Hendy Setiawan	Initial development of the digital crowd mapping for landslide monitoring and early warning system
6	14:40	14:55	STF85	M Chrisna Satriagasa	Role of Land Cover Change to Landslides Susceptibility in Agricultural Catchment

ROOM SATI 2 SUSTAINABILITY CHALLENGES

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	13:00	13:15	SC7	Tran Trung Hieu	Environmental education: A study for integrating environmental education into teaching activities in high schools in Vietnam
2	13:20	13:35	SC46	Hery Prasetyo	Making Others Memories: Creative Privatization Behind Cultural Practice
3	13:40	13:55	SC47	Kohei Sakai	A Study on Effect of Education for Sustainable Development Using a Quantitative Text Analysis of Students' Questionnaire Responses: A Case of a short-term International PBL Workshop for Thai Undergraduate Students
4	14:00	14:15	SC52	Maulana Surya Kesumah	Finding New Form of People Participation on Maritime Tourism
5	14:20	14:35	SC95	Nguyen Huong Quynh	Human Resource development in higher education for manufacturing industry in Vietnam. Support from Japanese organizations and firms (Lesson from Thailand)
6	14:40	14:55	SC146	Kanti	Coal Domestic Market Obligation: Between State Revenues and Energy Security

ROOM BASA 1 ENERGY & ENVIRONMENT

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	13:00	13:15	Ene48	Fadjar Goembira	Environmental Health Risk Analysis due to PM10 during 2015's Smoke Haze Pollution in Sawahlunto City
2	13:20	13:35	EnE58	Evi Gravitiani	Cost-Benefit Analysis of Sludge Service System Implementations in Solo City, Indonesia
3	13:40	13:55	EnE66	Zul Ilham	Microwave-Assisted Conversion of Agro-Industrial Copra Residue Oil to Diesel Engine Compatible Fatty Acid Methyl Esters
4	14:00	14:15	EnE126	Ikhsan Guswenrivo	Surveillance of Ectoparasitic Fungi <i>Laboulbeniopsis termitarius</i> Thaxt and <i>Antennopsis gallica</i> Buchli and Heim on Subterranean Termite <i>Reticulitermes</i> spp. in Japan
5	14:20	14:35	EnE172	Leni Sophia Heliani	Estimating Ground Waters Storage Variation of Borneo Island based on GOCE Satellite Gravity Data
6	14:40	14:55			

ROOM BASA 2 SUSTAINABLE TROPICAL FOREST

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	13:00	13:15	STF113	Heni Puji Astuti	Water In The Forest : Rain-Vegetation Interaction To Estimate Canopy Interception In a Tropical Borneo Rainforest
2	13:20	13:35	STF103	Hatma Suryatmojo	Impact of Peatland Fire on the Hydrological Changes in the Protected Area and Community Plantation
3	13:40	13:55	SA141	Diding Sughandy	Application of UV-Visible Spectroscopy and PLS-DA Method for Classification of Ground Roasted Coffees According to Their Origin
4	14:00	14:15	STF119	I Nengah Suwastika	DNA Finger Print Based On Nuclear and Chloroplast Genome, Combine Analysis on Sulawesi Cacao (<i>Theobroma cacao</i> L.)
5	14:20	14:35	STF142	Buan Anshari	Experimental study on the effectiveness of finger joint with variations in wood species toward bending strength of glulam beams
6	14:40	14:55			

ROOM BATUAH 1 SUSTAINABLE BUILT ENVIRONMENT

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	13:00	13:15	BE18	Bambang Istijono	Comparison Study of Beach Geometrics and Beach Sand Gradation Related to Abrasion Potential Based along the West Sumatra Province
2	13:20	13:35	BE120	Titin Fatimah	Rural Tourism Initiatives in Giritengah Village, Borobudur, Indonesia
3	13:40	13:55	BE23	James Rilatupa	The Aspect Role of Building Maintenance on Architectural Design Works
4	14:00	14:15	BE116	Kiyoshi Kobayashi	Platform Formation For Local Services Transaction
5	14:20	14:35	BE145	Robby Permata	Lessons Learned From Using Self-Consolidating Concrete (SCC) with Fly Ash in Teluk Kendari Cable-Stayed Bridge Project, Indonesia
6	14:40	14:55			

ROOM BATUAH 2 SUSTAINABLE AGRICULTURE

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	13:00	13:15	SA41	Rizky Ramadhan	Shifting Cultivation or Palm Oil Plantation? Integrated Assessment of Land Use Change in Dusun Tonggong, Parindu, Wes Kalimantan, Indonesia
2	13:20	13:35	SA137	Rina Sriwati	Secondary Metabolite Test of several Trichoderma spp Species in Suppressing the Growth of Fusarium capsici Pathogenic in Vitro
3	13:40	13:55	SA43	Arry Y Nurhayati	Assessing Dynamic Partitioning Model of Rice Plant Growth Under Lead Stress: Promoting Leave One Out (LOO), Let One In (LOI) and Back casting (BC) Method for Environmental Sustainability
4	14:00	14:15	SA151	Ridwan Yahya	Pulp Quality and Characteristics of Dura Variety from Empty Fruit Bunches as Raw Material for Paper
5	14:20	14:35	SA117	Agung P. Murdanoto	Technology Inovation Supports on Sustainable Business in Facing Industry 4.0 Era: Sugarcane Industry Implementation
6	14:40	14:55			

Day 1: Paralel Session II (October 29, 2018) Time: 15.20 - 17.15

ROOM SATI 1 ENERGY & ENVIRONMENT

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	15:20	15:35	EnE100	Benjamin Craig McLellan	Resources-energy-development nexus and its implications for achieving the SDGs in Asia
2	15:40	15:55	EnE11	Lukman Hakim	Characteristic of Hydroxyapatite-Supported Ni, Ce, Cu Catalyst Prepared by Deposition-Precipitation Method for Hydrogen Production
3	16:00	16:15	EnE65	Sulistya Rini Pratiwi	Critical Land Economic Valuation In The Sempayang Village, North Kalimantan
4	16:20	16:35	EnE71	Widha Kusumaningdyah	Evaluation of Energy Product Service System (ePSS) design as Integrated Solution for Energy and Resource Efficiency
5	16:40	16:55	EnE96	Hendra Adhi Pratama	Analysis of Radiocesium Interception Potential (RIP) of Coniferous and Deciduous Forest-Floor Soil
6	17:00	17:15			

ROOM SATI 2 HUMAN & CHALLENGES

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	15:20	15:35	SC6	Fery Andrianus	Analysis of the inequality and welfare of households displaced by the construction of the Koto Panjang dam
2	15:40	15:55	SC25	Zarah Puspitaningtyas	Sustainability of Family Business in Perspective of Financial Accounting
3	16:00	16:15	SC82	Asmuni	Elevating Social Welfare through BUMDesa Program in Jember District, Indonesia: Policy, Implemetatioan and Problems
4	16:20	16:35	SC110	Wignyo Adiyoso	Effectiveness of the Human Resources Development for Indonesia Government Apparatus
5	16:40	16:55	SC184	Joao Muni	Implementation of Administrative Desentralization and Local Government in Timor Leste
6	17:00	17:15			

ROOM BASA 1 SUSTAINABLE AGRICULTURE

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	15:20	15:35	SA77	Ikhsanul Adli	The effect of land management differences on physical properties of sawah soil in Pasaman District, West Sumatra
2	15:40	15:55	SA64	Mohammad Riza Nurtama	Small Scale Plant Factory : An Information Technology Approach
3	16:00	16:15	SA67	Kartika Eka Sari	Sustainable Food Agriculture Land's Mapping in Kediri City
4	16:20	16:35	STF114	Uy Sokheang	Ecosystem Values of Agroforestry System in Leksana Village, Banjarnegara District, Central Java, Indonesia
5	16:40	16:55	SA148	Ifan Aulia Candra	Isolation of Core Promoter NPR1 from Chili Peper (<i>Capsicum annum L.</i>) Genotype Berangkai and Replicase (Rep) Gene Expression
6	17:00	17:15			

ROOM BASA 2 SUSTAINABLE TROPICAL FOREST

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	15:20	15:35	STF26	Iwan Juwana	The improvement of Cipunagara River quality based on pollution load analysis of domestic, agriculture, farming and industrial activities
2	15:40	15:55	STF118	Arinja Windhiyani SM	Supply and Demand Analysis for Fresh Water Supply to Gili Indah Village, Lombok, West Nusa Tenggara
3	16:00	16:15	STF101	Ambar Kusumandari	The Comparison of Erosion Rates in Grassland, Teak Forest, Cropsland, and Gliricidae Forest Plantation in Wanagama Edu Forest
4	16:20	16:35	STF106	Ngadisih	Sustainability Analysis of Intensive Agriculture and Agroforestry in the Upstream Area of Merawu Watershed, Banjarnegara District
5	16:40	16:55	SA62	Arnayulis	Crowdsourcing for Climate and Farming in Order to Develop Sustainable Agriculture
6	17:00	17:15			

ROOM BATUAH 1 CLIMATE CHANGE

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	15:20	15:35	CC88	Shunsuke SEGI	Disaster resilient investment on optimal growth path
2	15:40	15:55	STF87	Herlin Natalia Dewi	Landslide Risk Assessment : Human Activities Influence on An Agriculture Catchment
3	16:00	16:15	CC196	Wahyu Wilopo	Groundwater flow patterns and hydrochemical facies of Kendal groundwater basin, Central Java Province
4	16:20	16:35	CC93	Kohei SAKAI	A Study on Change in the Tourists' Intention to Stay by Public Support at Himeji Castle for Mitigating Simultaneous Returning Home after Large Scale Earthquake
5	16:40	16:55	BE63	Abdul Wahid Hasyim	Determination of Land Cover Factors Based on Multitemporal Data Affecting Landslide Disaster in Malang Regency
6	17:00	17:15			

ROOM BATUAH 2 SUSTAINABLE BUILT ENVIRONMENT

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	15:20	15:35	BE16	Yervi Hesna	Tourism Infrastructure Development and Financing : A Literature Review
2	15:40	15:55	BE49	Puji Wahono	Strategy for Developing Sustainable Ecotourism
3	16:00	16:15	BE86	Nindya Sari	The Sustainability Factors of Tourist Village (Case Study : Desa Ngadas, Kecamatan Poncokusumo, Kabupaten Malang)
4	16:20	16:35	BE19	Abdul Hakam	Foundation Stability on Sandy Soil due to Excessive Pore Water Pressure: Laboratory Observations
5	16:40	16:55	BE27	Mochammad Fatchur Rohman	Vernacular Inside: Social Semiotics Phenomena of Street Food Vendors' Brand Identity, Case Study at Tamansari Food Fest Bandung
6	17:00	17:15			

Day 2: Paralel Session I (October 30, 2018) Time: 13.00 - 15.00

ROOM SATI 1 ENERGY & ENVIRONMENT

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	13:00	13:15	EnE147	Ayustin Nabila Putri	Study on Pollution Load of Cimahi River as a Tributary of Citarum Watershed
2	13:20	13:35	EnE182	Andi Kurniawan	Analysis of Cd(II) Adsorption into Biofilm Matrices
3	13:40	13:55	EnE99	Chairul	Exploration Of Indigenous Arbuscular Mycorrhizal Fungi On Post Mining Soil As Rehabilitation Strategy
4	14:00	14:15	EnE124	Haryono S Huboyo	The use of artificial wastewater for scrubber- water feeding
5	14:20	14:35	EnE188	Ari Rahman	Recycling of Textile Sludge for Removing Reactive Red 231 on Aqueous Solution
6	14:40	14:55	EnE125	Didi Tarmadi	The effects of dietary sources on the biological changes of a lower termite, <i>Coptotermes formosanus</i> Shiraki

ROOM SATI 2 HUMAN & CHALLENGES

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	13:00	13:15	SC91	Agus Trihartono	Sustainability of Gastro Diplomacy of Indonesian Coffee: Cruise to Nowhere?
2	13:20	13:35	SC97	Rika Kurniaty	Electoral democracy and political-business relations in Indonesia: a study of local politics in Malang regency, East Java
3	13:40	13:55	SC98	Himawan Bayu Patriadi	From Authoritarianism to Democracy: A Costly Fiction of Sustainability for Human Security?
4	14:00	14:15	SC102	Frenadin Adegustara	"Local Wisdom" Law Within Natural Resource Management at West Sumatera
5	14:20	14:35	SC107	Nino Viartasiwi	Revisiting Cultural Diplomacy as Soft Power: Going Global While Being Unique
6	14:40	14:55	SC190	Novri Susan Wignyowiyoto	The Consequence Of Formula Feeding To Poverty

ROOM BASA 1 SUSTAINABLE BUILT ENVIRONMENT

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	13:00	13:15	BE40	Niken Prilandita	Urban Kampung and Household Energy Consumption in Bandung, Indonesia
2	13:20	13:35	BE104	Prawira Fajarindra Belgiawan	Intention to Use of Autonomous Vehicle in Indonesia
3	13:40	13:55	BE112	Prawira Fajarindra Belgiawan	The Commuting Mode Choice of Students of Bandung Institute of Technology
4	14:00	14:15	BE153	Nuki Agya Utama	Low energy measures for residential buildings in tropical regime
5	14:20	14:35	BE127	Niken Prilandita	"Simulation-Based Framework of Bonus Zoning to Provide Public Space in Bandung City
6	14:40	14:55			

ROOM BASA 2 SUSTAINABLE BUILT ENVIRONMENT

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	13:00	13:15	BE70	Hanifah Asnur	Effects of Water Content to Slope Stability in Pangkalan Lima Puluh Kota
2	13:20	13:35	BE138	Komala Sari	Management strategy of sustainable urban drainage the city of Pekanbaru
3	13:40	13:55	BE140	Ahmad Sarwadi	Study on Road Side Greenery in Yogyakarta City towards Development of Productive Urban Landscape
4	14:00	14:15	BE181	Lovelyson	Optimal Placement of Tuned Liquid Column Dampers on a Three Dimensional Building Structure Model
5	14:20	14:35	BE185	Yulianto P. Prihatmaji	Seismic Vulnerability Assessment on Structural Proportion of Joglo Timber Buildings in Kotagede Yogyakarta
6	14:40	14:55			

ROOM BATUAH 1 SUSTAINABLE AGRICULTURE

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	13:00	13:15	SA45	Arry Y Nurhayati	The Dynamic Partitioning Model of Rice Plant under Varying of Lead (Pb) During Vegetative Growth
2	13:20	13:35	SA139	Gunawan Prayitno	Food Security Mapping and Vulnerability Indices
3	13:40	13:55	SA143	Meinilwita Yulia	The Classification of Lampung Robusta Coffee with Different Fertilizer Treatments using UV-Visible Spectroscopy and PLS-DA Method
4	14:00	14:15	SA152	Ridwan Yahya	Chemical composition of brancwood including bark of Acacia mangium as raw material for pulp and paper manufacture
5	14:20	14:35	SA183	S Khoirul Himmi	Termite assemblage structures in conservation areas in Batam, Kuningan and Baturraden
6	14:40	14:55			

ROOM BATUAH 2 SUSTAINABLE BUILT ENVIRONMENT

No	Presentation time (h)		Presenter ID	First Author	Title
	Start	End			
1	13:00	13:15	BE33	Natasya Hasna Afifah	Comparative Study of Community - Based Composters, A Case Study In Bandung Barat Regency, West Java - Indonesia
2	13:20	13:35	BE76	Andriwan Tudi	The Implementation of Sustainable Community-Based Enviromental Sanitation Development Policy (slbm) in Tebo Regency
3	13:40	13:55	BE12	Eka Permanasari	Developing community's sense of belonging in building Bahari Community center (RPTRA) in South Jakarta
4	14:00	14:15	SC29	Ismu Rini Dwi Ari	Spatial Modelling of Social Networks and Infrastucture Influence on Poverty in Jabung District, Malang Regency
5	14:20	14:35			
6	14:40	14:55			