

KOGEI XI & PIT XXIII HATTI
ONE-DAY WORKSHOP ON SEEPAGE & CONSOLIDATION
HIMPUNAN AHLI TEKNIK TANAH INDONESIA
Pra - KOGEI XI - PIT XXIII : Munday, November 11, 2019

Session	Time	Duration, h:m	Topic	Instructure	MC/Moderator
Registration	7:00 - 8:00	1:00	Registration		secretariat
Opening	8:00 - 8:10	0:10	Opening Speech		MC / BPH
Sesi 1	8:10 - 10:10	2:00	1. Perilaku Aliran Air Tanah 2. Hydraulic Gradient 3. Aliran Satu Dimensi 4. Flow Net untuk Aliran Satu Dimensi	Ir. Bigman M. Hutape, MSc. Ph.D	
Discussion	10:10 - 10:20	0:10	Discussion		
Break	10:20 - 10:30	0:10	Coffee Break		
Sesi 2	10:30 - 12:30	2:00	5. Persamaan Kontinuitas (Continuity Equation) 6. Aliran Dua Dimensi dengan Kondisi Isotropic 7. Aliran Dua Dimensi dengan Kondisi Anisotropic 8. Permasalahan dan Solusi timbunan di atas tanah lunak mencakup antara lain analisis penurunan, pre-loading, dan vertical drains.	Ir. Bigman M. Hutape, MSc. Ph.D	
Discussion	12:30 - 12:40	0:10	Discussion		
Lunch	12:40 - 13:40	1:00	Lunch - Close		

11th HATTI NATIONAL COUNCIL MEETING
Birawa Assembly Hall, Jakarta, 11 November 2019

Session	Time	Duration, h:m	Topic	MC/Moderator
Registration	13:00 - 14:00	1:00	Registration	secretariat
Sesi I	14:00 - 15:00	1:00	Congres HATTI	Committee
Break	15:00 - 15:15	0:15	Coffee Break	secretariat
Sesi II	15:15 - 17:15	2:00	Congres HATTI	
Dinner	17:15 - 19:00	1:45	Dinner	secretariat

KOGEI XI & PIT XXIII HATTI
Konferensi Geoteknik Indonesia & Pertemuan Ilmiah Tahunan
HIMPUNAN AHLI TEKNIK TANAH INDONESIA
Day 1 : Tuesday, November 12, 2019

Session	Time	Duration, h:m	Topic	Speaker	MC/Moderator
Registration	7:00 - 8:30	1:30	Registration		Secretariat
Welcoming Remarks	8:30 - 8:35	0:05	Chairman of Committee - KOGEI XI / PIT XXIII		MC
Welcoming Remarks	8:35 - 8:40	0:05	HATTI President, Prof. Masyhur Irsyam		
Welcoming Remarks	8:40 - 8:45	0:05	Ketua Komisi Ilmu Rekayasa - AIPI - Prof. Aman Wirakartakusumah		
Welcoming Remarks and Keynote Speech	8:45 - 9:15	0:30	Opening-PUPR Minister:Ir. Basoeki Hadimoeljono, M.Sc., Ph.D.		Prof. Masyhur Irsyam
			Keynote Speaker 1: Ir. Mochamad Basoeki Hadimoeljono, M.Sc, Ph.D. - Menteri PUPR RI		
Entertainment	9:15 - 9:25	0:10	Traditional Dancer/Choir		MC
Break	9:25 - 9:40	0:15	Coffee break - exhibition		MC
Keynote Speech Session 1	9:40 - 10:20	0:40	Keynote Speaker 2 : Prof. Masyhur Irsyam - Peran HATTI dalam Pembangunan Infrastruktur yang Berkelanjutan dan Tahan Gempa di Indonesia		Dr. Idrus M. Alatas
	10:20 - 11:00	0:40	Keynote Speaker 3: Eric I. Hoe - Instrumentation for Geotechnical Works in Infrastructure and Buildings: Taiwan Experience		
	11:00 - 11:40	0:40	Keynote Speaker 4: Davy Sukamta - Design and Construction of 7-Level Basement Structure for a Super-Tall Building: Indonesian Experience		
Technical Session	11:40 - 12:00	0:20	Technical Session 1: BAUER Pratama Indonesia		MC
	12:00 - 12:15	0:15	Discussion		
Lunch	12:15 - 12:55	0:40	Lunch and pray		MC
Keynote Speech Session 2	12:55 - 13:35	0:40	Keynote Speaker 5: Prof. Widjojo A. Prakoso - Progress Penelitian Likuifaksi Gempa Palu		Prof. Ramli Nazir
	13:35 - 14:15	0:40	Keynote Speaker 6: Sindhu Rudianto - Foundation Design and Construction of Super Tall Tower in Kuala Lumpur		
Technical Session	14:15 - 14:35	0:20	Technical Session 2: PT. Geotekindo		
Technical Session	14:35 - 14:55	0:20	Technical Session 3: PT. Liebherr Indonesia		
Discussion	14:55 - 15:10	0:15	Discussion		
Break	15:10 - 15:30	0:20	Coffee break - exhibition		MC
Keynote Speech	15:30 - 16:10	0:40	Keynote speaker 7: Thomas Domanski - Digitalization in Ground Engineering and Construction		Prof. Widjojo A. Prakoso
	16:10 - 16:50	0:40	Keynote speaker 8: Aksan Kawanda - Foundation Testing & Instrumentation on Large Bored Pile in Indonesia		
	16:50 - 17:05	0:15	Discussion		

KOGEI XI & PIT XXIII HATTI
Konferensi Geoteknik Indonesia & Pertemuan Ilmiah Tahunan
HIMPUNAN AHLI TEKNIK TANAH INDONESIA
Day 3: Wednesday, November 13, 2019

Session	Time	Duration, hh:mm	Speaker	MC/Moderator
Reregistration	7:00 - 8:00	1:00	Reregistration	Secretariat
Keynote Speech	8:00 - 8:40	0:40	Keynote speaker 9: Prof. Faisal Fathani - International Standard for the Implementation of Landslide Early Warning System (ISO 22327:2018)	YP. Chandra, M. Eng
	8:40 - 9:20	0:40	Keynote speaker 10: Prof. E.C. Shin - Estimating of Dredged Fill Volume for Large Scale Land Reclamation Work	
	9:20 - 9:35	0:15	Discussion	
	9:35 - 9:55	0:20	Technical Session 4 : PT. KAO INDONESIA CHEMICALS	MC
Break	9:55 - 10:15	0:20	Coffee break - exhibition	
Parallel Session 1	10:15 - 12:00	1:45		
Lunch	12:00 - 13:00	1:00	Lunch and pray	
Parallel Session 2	13:00 - 14:45	1:45		
Break	14:45 - 15:05	0:20	Coffee break - exhibition	
HATTI Congress	15:05 - 16:05	1:00	The Accountability Speech of recent HATTI President & HATTI President Election	Dr. Pintor T. Simatupang
Best Paper	16:05 - 16:10	0:05	Announcement of the best paper	Prof. Masyhur Irsyam
General Discussion	16:10 - 16:50	0:40	Perkembangan Terkini UJJK & UU Keinsinyuran, Manual Perbaikan Tanah, SNI Ground Motion, Pedoman Liquefaksi	Dr. Pintor T. Simatupang
General Discussion	16:50 - 17:20	0:30	HATTI member sharing time	Prof. Masyhur Irsyam, Dr. Pintor T. Simatupang
Winner Celebrations and Doorprize	17:20 - 17:30	0:10	Doorprize and gift from sponsor	MC
Closing Remarks	17:30 - 17:35	0:05	HATTI Representatives	Dr. Pintor T. Simatupang

KOGI XI & PIT XXIII HATTI

Konferensi Geoteknik Indonesia & Pertemuan Ilmiah Tahunan HIMPUNAN AHLI TEKNIK TANAH INDONESIA

Day 2: Wednesday, November 13, 2019

Session	Time	Duration, hh:mm	Speaker					MC/Moderator		
Break	9:55 - 10:15	0:20	Coffee break - exhibition							
Parallel Session 1	10:15 - 11:45	1:30	18	Kelas A-1 (Subadra Drupadi Room) Ground Improvement - Dr. Gouw Tjie Liong	2	Kelas B-1 (Utari - Parikesit Room), Slope Stability - Erza Rismantojo, Ph.D	22	Kelas C-1 (Bima Room), Retaining Wall & Embankment - Simon Dertha, MT		
			25		3		43			
			49		5		11			
			59		7		39			
			44		35		41			
			45		60		48			
			52		62		58			
					4					
	11:45 - 12:00	0:15	Discussion			Discussion		Discussion		
	Lunch									
Parallel Session 2	13:00 - 14:30	1:30	10	Kelas A-2 (Subadra Drupadi Room), Seismic - Dr. M. Asrurifak	64	Kelas B-2 (Utari - Parikesit Room), Soil Materials & Modeling - Dr. Budijanto Widjaja	20	Kelas C-2 (Bima Room), Foundation - Dr. Rustamadji S.		
			24		1		34			
			30		53		37			
			63		6		42			
			66		9		47			
			67		29		55			
			17		33		61			
			56		65		68			
	14:30 - 14:45	0:15	Discussion			Discussion		Discussion		
	Break	14:45 - 15:00	0:15	Coffee break - exhibition						

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Konferensi Geoteknik Indonesia & Pertemuan Ilmiah Tahunan
HIMPUNAN AHLI TEKNIK TANAH INDONESIA
Day 2: Wednesday, November 13, 2019

Date	Time	Duration	Speaker			MC/Moderator		
			A1 - Ground Improvement (Subadra Drupadi Room)		B1 - Slope Stability (Utari - Parikesit Room)		C1 - Retaining Wall & Embankment (Bima Room)	
Session 1	10:15 - 11:45	1:30	18	Karakteristik transfer beban dan pola penurunan terhadap waktu pada controlled modulus column menggunakan analisis numerik tiga dimensi	2	Identifikasi arah kelongsoran tanah di bawah badan jalan rel kereta api akibat adanya aliran air bawah tanah	22	Evaluation of trial embankment settlement on soft clay soil with coral fragment in Cilegon
			25	Perbaikan tanah menggunakan metode dynamic compaction pada tanah pasir berpotensi likuifaksi di area runway bandara New Yogyakarta International Airport	3	Analisis stabilitas lereng dengan perkuatan sheet pile (studi kasus: ruas jalan Meulaboh – Geumpang sta 84+280 provinsi Aceh)	43	Studi kasus longsor dengan perbaikan tanah lunak menggunakan minipile dengan platform jalan tol Batang – Semarang
			49	Studi kasus kolom grout modular (kgm) terhadap penurunan dan stabilitas timbunan oprit jembatan di atas tanah lunak pada jalan tol Pemalang Batang	5	Guideline safety factor in static and seismic for slope stability of embankment in Serang-Panimbang toll road using slope-w	11	Perbandingan hasil analisis struktur penahan tanah pada tanah lunak dengan program Plaxis-2d menggunakan soil model hardening soil dan soft soil
			59	Pemetaan tanah lunak di Surabaya Timur untuk perkuatan tanah menggunakan vertical drain*	7	Debris flow threat in Poi Village after 2018 Palu earthquake: simulation and recommendations*	39	Analisis dua tahap pengaruh pelepasan strutting terhadap kekuatan secant pile proyek basement 4 lantai hotel Tentrem Semarang
			44	Studi kasus soil treatment minipile dengan platform sebagai zona transisi vacuum consolidation method dengan area box jalan pada jalan tol Pekalongan Batang	35	Modelling unsaturated slope with soil vision	41	Comparative analyses on vinyl sheet pile deflection using analytical method, software-x, and physical modelling
			45	Studi kasus penanganan tanah ekspansif dengan tingkat infiltrasi yang diukur dari uji double ring infiltrometer pada jalan tol Batang – Semarang	60	LEM Slope Stability Analysis and the Newmark lateral displacement analysis	48	Studi kasus stabilitas timbunan terhadap relokasi sungai beringin pada jalan tol Batang – Semarang
			52	Study on performance of clay soil with improvement using waste material	62	On the effect of the river water flow and scour to the slope stability analysis	58	Bio-inspired earth retaining wall system to control movements induced by excavation in urban area*
					4	Perubahan Stabilitas dan Penentuan Lokasi Longsor Susulan Lereng Tanah di Lapangan Berdasarkan Pendekatan Cracks Soil (Pembuktian Laboratorium dan Validasi Lapangan)		
	11:45 - 12:00	0:15	Discussion		Discussion		Discussion	
Lunch	12:00 - 13:00	1:00	Lunch and pray					
			A2 - Seismic Hazard (Subadra Drupadi Room)		B2 - Soil Material & Modeling (Utari - Parikesit Room)		C2 - Foundation (Bima Room)	
Session 2	13:00 - 14:30	1:30	10	Amplification factor study for Bali, Indonesia using Openquake	64	The small scale model instrument investigating lateral resistance on pile group due to liquefaction*	20	The effect of setup time on friction pile capacity at project “X”
			24	Seismic risk assessment of residential function zones in Jakarta subject to intra-slab subduction mechanism	53	Limit analysis of helical pile on soft soil	34	STATRAPID – an alternative for pile static loading test
			30	Sensitivitas atenuasi terhadap PGA batuan dasar berdasarkan analisis PSHA, studi kasus: Daerah Istimewa Yogyakarta, Indonesia	1	Hubungan Nilai CBR (California Bearing Ratio) Terhadap Kandungan Air Pada Tanah	37	Perilaku load displacement kelompok tiang lekatan penuh di lapangan
			63	Laporan kunjungan lapangan (site visit) gempa bumi Maluku 26 September 2019*	6	Penentuan parameter dari sifat fisik dan mekanis tanah gambut melalui uji laboratorium (studi kasus : tanah gambut desa Pergam, pulau Rupert, Riau)	42	Uji beban tiang axial tekan SNI 8640-2017
			66	Liquefaction disaster mitigation and geohydrology conditions, lessons from the Palu earthquake Magnitude 7.4 MW 28 September 2018	9	Kajian karakteristik Clay Shale pada ruas jalan tol Cipularang KM 121+100 – KM 67+200 (dan teknologi penanganannya)	47	Studi kasus penanganan tanah lunak menggunakan stuktur pile slab – spun pile pada jalan tol Pejagan Pemalang
			67	Pemilihan dan modifikasi ground motion sesuai sni 1726: 2019 untuk perancangan gedung tahan gempa Indonesia	29	Uji potensi likuifaksi pasir mengandung pumice menggunakan shaking table	55	Bearing Capacity Calculation of Cement-Fly Ash-Gravel Pile in High-Speed Railway Jakarta-Bandung
			17	Safety evaluation of an embankment dam against permanent deformation due to earthquake	33	The awareness and responsiveness of building construction structures over clayshale deposits	61	Respons pondasi tiang akibat beban lateral dan momen secara analitik dan numerik
			56	Subsurface profiling using microtremor array method for site characterization in Bandung basin	65	Studi laboratorium efek slag baja dan slag ferronickel terhadap tanah lanau dengan kadar air tinggi	68	Prediction of pile load capacity using static load test results according to various test standards*
	14:30 - 14:45	0:15	Discussion		Discussion		Discussion	
Break	14:45 - 15:00	0:15	Coffee break - exhibition					

* Selected paper with 15 minutes presentation