

KONGRES GEOTEKNIK INDONESIA (KOGEI) XII PERTEMUAN ILMIAH TAHUNAN (PIT) HATTI XXVII

BUILDING A SOLID FUTURE:
ADVANCEMENTS IN GEOTECHNICAL ENGINEERING FOR INDONESIA'S MEGA
STRUCTURE AND INFRASTRUCTURE DEVELOPMENT

Birawa Assembly Hall, Hotel Bidakara Jakarta
9-11 November 2023

Keynote Speakers



Dr. Ir. Hedy Rahadian, MSc
Direktur Jenderal Bina Marga
Kementerian Pekerjaan Umum
dan Perumahan Rakyat



Silvia Halim
Deputi Bidang Sarana dan
Prasarana Otorita IKN



**"Geotechnical considerations of
piling foundations of mega-
structures on problematical soil
ground of Kazakhstan"**

Prof. Askar Zhussupbekov
Eurasian National University
Kazakhstan



**"Expansive Soils: Climate Change
and Change in Soil Behavior"**

Prof. Widjojo Adi Prakoso
President of HATTI



**"Artificial Intelligence and
Machine Learning in
Geotechnical Engineering"**

Prof. Mark Jaksa
The University of Adelaide
Australia



**"Issues Regarding Foundation
and Pile Cap Design
Determination"**

Prof. Iswandi Imran
President of HAKI



**"Biogeotechnologies for
Mitigation of Liquefaction
Hazard"**

Prof. Chu Jian
Nanyang Technological University
Singapore



**"Development of Seismic
Ground Motions for Evaluation
of Existing Buildings in Large
Cities in Indonesia"**

Prof. Masyhur Irsyam
Institut Teknologi Bandung
Indonesian Academy of Sciences
(API)



**"Safety Evaluation for
Agriculture Reservoirs and Small
Dams by Using AHP"**

Prof. Eun Chul Shin
Incheon National University
South Korea



**"MRT Jakarta Construction
Challenge"**

Ir. Weni Maulina, S.T.
Construction Director
MRT Jakarta

Special Session

- The geotechnical Indonesian congress (KOGEI) will be held on 9 November 2023
- A gathering for young members (AMM) will be held on 9 November 2023
- Bright Spark Award for the best AMM Papers

Registration Information:

<https://m.p2023.hatti.or.id/registerevent>

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SCHEDULE 12th HATTI NATIONAL COUNCIL MEETING
27th ANNUAL NATIONAL CONFERENCE ON GEOTECHNICAL ENGINEERING
HIMPUNAN AHLI TEKNIK TANAH INDONESIA (Indonesian Society for Geotechnical Engineering)
Day H-1: Birawa Assembly Hall, Hotel Bidakara Jakarta. Thursday, 09 November 2023

I. AMM GATHERING

WAKTU	DURASI	AGENDA	NARASUMBER
8:30 - 9:00	0:30	Registasi ulang	
9:00 - 10:00	1:00	Session I : HATTI History Throughout The Years	1. Franciscus Xaverius Toha, MSCE, Ph.D 2. Ir. Paul Benny Kumara 3. Ir. Soekrisno Rammelan
10:00 - 10:45	0:45	Session II : Geotechnical Engineering Career	1. Dr. James Jatmiko Oetomo 2. Dr. Yustian H. Suprpto 3. Dr. Anthony Gunawan 4. Dr. Fathiyah Hakim Sagitanigrum
10:45 - 11:25	0:40	Session III : AI Application in Geotechnics	Anry Gratio Deo Warouw + Dayu Apoji, Ph.D
11:25 - 11:45	0:20	GeoQuiz	-
11:45 - 12:00	0:15	Closing + Launching AYGEC 2024	Pemutaran video testimoni

II. KONGRES GEOTEKNIK INDONESIA (MUNAS HATTI/KOGEI HATTI XII 2023)

WAKTU	DURASI	AGENDA	NARASUMBER
12:30 - 13:30	1:00	Daftar Hadir	Panitia - Sekretariat HATTI
13:30 - 13:40	0:10	Pembukaan	Dr. Ir. Pintor Tua Simatupang, MT
13:40 - 13:50	0:10	Sambutan	Prof. Ir. Widjojo Adi Prakoso, MSc
13:50 - 14:00	0:10	Penetapan Pimpinan Sidang Sementara	Dr. Ir. Pintor Tua Simatupang, MT
14:00 - 14:10	0:10	Penetapan Pimpinan Sidang Tetap	Pimpinan Sidang Sementara
14:10 - 14:30	0:20	Laporan Pertanggungjawaban Pengurus 2019-2023 - Ketua Umum HATTI	Pimpinan Sidang Tetap
14:30 - 14:35	0:05	Simbolis Penyerahan Laporan Pertanggung-jawaban kepada Pimpinan Sidang	Prof. Ir. Widjojo Adi Prakoso, MSc, Ph.D - Pimpinan Sidang Tetap
14:35 - 14:50	0:15	Tanggapan terhadap Laporan Pertanggungjawaban oleh Floor	
14:50 - 15:00	0:10	Penetapan hasil Laporan Pertanggungjawan Pengurus HATTI 2019-2023	Pimpinan Sidang Tetap
15:00 - 15:30	0:30	Rehat Kopi	MC - Sekretariat
15:30 - 15:50	0:20	Penyampaian Aspirasi anggota dan usulan Formatur pengurus Pusat HATTI 2023-2027	
15:50 - 16:10	0:20	Penjaringan Nama Calon Formatur/Ketua Umum HATTI 2023-2027	
16:10 - 16:50	0:40	Pemilihan Formatur/Ketua Umum HATTI 2023-2027	
16:50 - 17:05	0:15	Penetapan hasil Munas HATTI XII tahun 2023	Pimpinan Sidang Tetap
17:05 - 17:15	0:10	Sepatah Kata Ketua Umum HATTI 2023-2027	

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27th ANNUAL NATIONAL CONFERENCE ON GEOTECHNICAL ENGINEERING
HIMPUNAN AHLI TEKNIK TANAH INDONESIA (Indonesian Society for Geotechnical Engineering)
Day H-1: Birawa Assembly Hall, Hotel Bidakara Jakarta. Thursday, 09 November 2023

17:15 - 17:25	0:10	Ucapan Selamat	MC - Sekretariat
17:25 - 17:45	0:20	Foto Bersama - Dokumentasi	MC - Sekretariat
17:45 - 19:30	1:45	Sholat - Makan Malam	MC - Sekretariat

II. UJI KOMPETENSI LSP GEOTEKNIK INDONESIA

RUANG SUBADRA, HOTEL BIDADARA LANTAI II (atas Ruang Birawa)

WAKTU	DURASI	JENJANG 7	JENJANG 8	JENJANG 9	ASESOR
8:30 - 9:00	0:30	Registrasi / Verifikasi Admin	Registrasi / Verifikasi Admin	Registrasi / Verifikasi Admin	
9:00 - 10:00	1:00	1	1		1
		2	2		2
		3	3		3
		4	4		4
		5	5		5
10:00 - 11:00	1:00	6	6		6
		7	7		7
		8	8		8
		9	9		9
		10	10		10
11:00 - 12:00	1:00		11		11
			12		12
			13		13
			14		14
			15		15
10:00 - 11:30	1:30			1	16
				2	17
				3	18
				4	19

SCHEDULE 12th HATTI NATIONAL COUNCIL MEETING
27th ANNUAL NATIONAL CONFERENCE ON GEOTECHNICAL ENGINEERING
HIMPUNAN AHLI TEKNIK TANAH INDONESIA (Indonesian Society for Geotechnical Engineering)
Day 1 : Birawa Assembly Hall, Hotel Bidakara Jakarta. Friday, 10 November 2023

Session	Time	Duration, h:m	Topic	Speaker	PIC / MC / Moderator
Registration	7:00 - 8:00	1:00	Registration & Tayangan Iklan		Secretariat
Opening	8:00 - 8:05	0:05	Lagu: Indonesia Raya		MC
Welcoming Remarks	8:05 - 8:10	0:05	Chairman of Committee - PIT XXVII		Ir. Andi KS.Kartawiria, ST. MT
Welcoming Remarks and HATTI's report	8:10 - 8:30	0:20	HATTI President: Prof. Ir. Widjojo Adi Prakoso, MSc, Ph.D		MC
Welcoming Remarks	8:30 - 8:40	0:10	Chairman of Indonesian Academy of Science: Prof. Daniel Murdiyarso		
PIT XXVII Opening	8:40 - 9:00	0:20	Dirjen Bina Marga PUPR - Dr. Ir. Hedy Rahadian, MSc.		
Special Keynote	9:00 - 9:20	0:20	Keynote Speaker 1 : Dirjen PUPR : Dr. Ir. Hedy Rahadian, MSc		Prof. Ir. Widjojo A. Prakoso, MSc, Ph.D
	9:20 - 9:40	0:20	Keynote Speaker 2 : Deputy for Facilities and Infrastructure IKN : Silvia Halim		
Break	9:40 - 10:00	0:20	Coffee break - exhibition		MC
Keynote Speech	10:00 - 10:30	0:30	Keynote Speaker 3: Ir. Weni Maulina, ST. Direktur Konstruksi MRT Jakarta		Prof. Ir. Masyhur Irsyam, MSE, Ph.D
	10:30 - 11:00	0:30	Keynote Speaker 4: Prof. Mark Jaksa - The University of Adelaide Australia, Topic: "Artificial Intelligence and Machine Learning in Geotechnical Engineering"		
	11:00 - 11:10	0:10	Discussion		
Technical Session	11:10 - 11:30	0:20	Technical Session 1: Menard Geosystem Indonesia		
Lunch	11:30 - 13:00	1:30	Lunch and pray		MC
Technical Session	13:00 - 13:20	0:20	Technical Session 2: PT. BAUER Pratama Indonesia		
Keynote Speech	13:20 - 13:50	0:30	Keynote Speaker 5: Prof. Ir. Iswandi Imran, MSc, Ph.D - Institut Teknologi Bandung/President of HAKI. Topic : "Issues Regarding Foundation and Pile Cap Design Determination"		Ir. Bigman M. Hutapea, MSc, Ph.D
	13:50 - 14:30	0:40	Keynote Speaker 6: Prof. Askar Zhussupbekov - Eurasian National University Kazakhstan. Topic : " Geotechnical considerations of piling foundations of mega-structures on problematical soil ground of Kazakhstan"		
Discussion	14:30 - 14:40	0:10	Discussion		
Technical Session	14:40 - 15:00	0:20	Technical Session 3: PT. Geotekindo		
Break	15:00 - 15:20	0:20	Coffee break - exhibition		MC
Technical Session	15:20 - 15:40	0:20	Technical Session 4: PT. Geoforce Indonesia		
Keynote Speech	15:40 - 16:20	0:40	Keynote speaker 7: Prof. Ir. Masyhur Irsyam, MSE, Ph.D / Ir. Nick Alexander, MSc - Institut Teknologi Bandung. Topic: "Development of Seismic Ground Motions for Evaluation of Existing Buildings in Large Cities in Indonesia"		Prof. Ir. Nurly Gofar, MSCE. Ph.D
	16:20 - 17:00	0:40	Keynote speaker 8: Prof. Eun Chul Shin Incheon National University, South Korea, Topic: "Safety Evaluation for Agriculture Reservoirs and Small Dams by Using AHP"		
	17:00 - 17:10	0:10	Discussion		
Closing 1st day	17:10 - 17:15	0:05	HATTI Representative		Dr. Idrus M. Alatas

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HIMPUNAN AHLI TEKNIK TANAH INDONESIA (Indonesian Society for Geotechnical Engineering)
Day 2: Birawa Assembly Hall, Hotel Bidakara Jakarta. Saturday, 11 November 2023

Session	Time	Duration, hh:mm	Speaker	MC/Moderator	Speaker	MC/Moderator	Speaker	MC/Moderator	Speaker	MC/Moderator	Speaker	MC/Moderator					
Reregistration	7:00 - 8:00	1:00	Registration			Secretariat											
Session 1	8:00 - 9:40	1:40	Paper ID 012	Kelas A-1: AI & Machine Learning and Soil Improvement Komda Sumatera Utara dan Co moderator	Paper ID 001	Kelas B-1: Slope Stability Komda Jawa Timur dan Co moderator	Paper ID 025	Kelas C-1: Foundation Engineering, GeoEarthquake Engineering, Soil Improvement, and Instrumentation and Soil Testing Komda Kalimantan Barat dan Co moderator	Paper ID 003	Kelas D-1: Deep Excavation/Retaining Wall and Tunneling and Soil Improvement Komda Kalimantan Selatan dan Co moderator	Paper ID 016	Kelas E-1: AI & Machine Learning, Soil Improvement, and Deep Excavation & Tunneling (AMM) Dr. Heriansyah Putra [AMM] dan ko-moderator					
			Paper ID 017		Paper ID 013		Paper ID 076		Paper ID 004		Paper ID 031						
			Paper ID 037		Paper ID 022		Paper ID 089		Paper ID 008		Paper ID 061						
			Paper ID 045		Paper ID 023		Paper ID 090		Paper ID 010		Paper ID 068						
			Paper ID 046		Paper ID 024		Paper ID 091		Paper ID 015		Paper ID 075						
			Paper ID 066		Paper ID 026		Paper ID 093		Paper ID 028		Paper ID 078						
Discussion	9:40 - 9:55	0:15	Discussion			Discussion			Discussion								
Break	9:55 - 10:10	0:15	Coffee break - exhibition														
Session 2	10:10 - 11:50	1:40	Paper ID 032	Kelas A-2: Deep Excavation/Retaining Wall and Tunneling Komda Sulawesi Selatan dan Co moderator	Paper ID 035	Kelas B-2: Slope stability and Dam Komda Sumatera Selatan dan Co moderator	Paper ID 005	Kelas C-2: Instrumentation and Soil Testing Komda Kalimantan Tengah dan Co moderator	Paper ID 020	Kelas D-2: Soil Improvement Komda Bali dan Co moderator	Paper ID 006	Kelas E-2: Dam, Deep Excavation & Tunneling, Geoequake engineering, slope stability, and instrumentation and soil testing (AMM) Wahyuning Aila, ST, MS [AMM] dan ko-moderator					
			Paper ID 073		Paper ID 038		Paper ID 007		Paper ID 040		Paper ID 042						
			Paper ID 077		Paper ID 062		Paper ID 057		Paper ID 041		Paper ID 047						
			Paper ID 084		Paper ID 080		Paper ID 059		Paper ID 051		Paper ID 048						
			Paper ID 086		Paper ID 082		Paper ID 065		Paper ID 053		Paper ID 067						
			Paper ID 095		Paper ID 088		Paper ID 070		Paper ID 056		Paper ID 074						
Discussion	11:50 - 12:05	0:15	Discussion			Discussion			Discussion								
Lunch	12:05 - 13:00	0:55	Lunch and pray														
Technical Session	13:00 - 13:20	0:20	Technical Session 5: PT. PP (Persero) Tbk.														
Technical Session	13:20 - 13:40	0:20	Technical Session 6: PT. Promisco														
Keynote Speech	13:40 - 14:20	0:40	Keynote Speaker 9 : Prof. Chu Jian - Nanyang Technological University, Singapore, Topic: "Biogeotechnologies for Mitigation of Liquefaction Hazard"														
	14:20 - 14:30	0:10	Discussion														
Technical Session	14:30 - 14:50	0:20	Technical Session 7: PT. Keller Ground Indonesia														
Break	14:50 - 15:10	0:20	Coffee break - exhibition														
Technical Session	15:10 - 15:30	0:20	Technical Session 8: Fudo Tetra Indonesia														
Technical Session	16:00 - 16:20	0:20	Technical Session 9: Terre Army														
AMM Best Paper Session	15:30 - 16:00	0:30	<p>A. <i>Seismic Safety Evaluation of Mechanically Stabilized Earth (MSE) Wall for Highway Construction</i> Muhammad Adi Ibrahim, Yusep Muslih Purwana</p> <p>B. <i>Deformation Ratio in 2D and 3D Finite Element Modeling for Deep Excavation in Jakarta</i> Daniel Hartono, Masyhur Irsyam, Yuamar Imarrazan Basarah</p> <p>C. <i>Finite Element Modelling of Geocell with Actual Shape vs. Simplified Shapes</i> Steven Christian, Anthony Gunawan, Andryan Suhendra</p>									Aswin Lim, Ph.D.					
			Best Paper	16:20 - 16:25	0:05	Announcement of the best paper											
			Keynote Speech	16:25 - 16:55	0:30	Keynote Speaker 10 : Prof. Ir. Widjojo Adi Prakoso, MSc. Ph.D - President of ISGE/HATTI. Topic: "Expansive Soils: Climate Change and Change in Soil Behavior"											
16:55 - 17:05	0:10	Discussion															
General Discussion	17:05 - 17:35	0:30	HATTI member sharing time														
Winner Celebrations and Doorprize	17:35 - 17:45	0:10	Doorprize and gift from sponsor														
Closing Remarks	17:45 - 17:50	0:05	HATTI Representatives														

Paper ID	Presenters	Title	Kelas
1	Ajic Setiajie	Slope Failure Behaviour in Chromite Laterite Mine based on Slope Stability Radar Data	B-1
3	M. Sang Gumilar Panca Putra	Evaluasi Struktur dan Geoteknik Apron Feeder 02 pada Dermaga Batubara Kertapati	D-1
4	Dr. Eng. Lutfian Rusdi Daryono	Fiber-reinforcement MICP for Durability Improvements	D-1
5	Titik Astiwi	Integrasi Data Instrumentasi (Pemantauan Geoteknik) dalam Sistem Pemantauan Online dan Penerapannya pada Bendungan Martabe TSF DAM	C-2
6	Devina Pascayulinda	Evaluasi Parameter Geoteknik dari Material Konstruksi terhadap Penggunaan Limesand untuk Netralisasi Kandungan Asam pada Bendungan Tailing Tambang Emas Martabe	E-2
7	Danang S. Rahardja	Studi Tingkat Akurasi Speedy Moisture Test pada Material Tanah Timbunan di Wilayah Jawa Timur	C-2
8	Goji Pamungkas	Usulan Perbaikan Tanah Dasar sebagai Pondasi Shoring untuk Konstruksi Jembatan Dirgahayu	D-1
10	Zayyaan Nabiila Khairunnisa	Soybean Crude Urease-Calcite Precipitation (SCU-CP) untuk Perbaikan Tanah Bermasalah	D-1
12	Sahat Timbul	Deep Mixing Method for Settlement Reduction and Bearing Capacity Enhancement in Copper Smelter in Gresik	A-1
13	Muhammad Addifa Yulman	Slope Failure and the Retaining Wall Design Remediation: A Case Study of Simpang Busung Segment, Bintan Island National Road	B-1
15	Ratna Atika Huwaida	Aplikasi Biopolimer dari Karagenan sebagai Metode Perbaikan Tanah	D-1
16	Anry Gratio Deo Warouw	Modeling Pile Load-Displacement of Laterally Loaded Bored Piles using Deep Learning Technique	E-1
17	Andri Mulia	Non-Linear Multivariate Analysis with Artificial Neural Network in Estimating Compression Index for Cohesive Soils of Northern Jakarta Coast	A-1
20	Egy Crystal Soesilo	Investigation the Effect of CO2 Gas Concentration Injected into Fresh Cement Paste to Its Mechanical Properties with the Addition of Superplasticizer	D-2
22	Muhammad Ikhsan Nasrullah	Application of Velocity Ratio Alarm to Approach Imminent Failure using Slope Stability Radar in Hard Rock Open Pit Mine	B-1
23	Tineu Aprillia Afdianti	Analisis dan Desain Perkuatan Lereng dengan Kombinasi Soil Nailing dan Ground Anchor	B-1
24	Reny Rochmawati	Akibat Beban Struktur Tower SUTT (Studi Kasus Tower SUTT T1.L2 150kV PLTA Merangin, Jambi)	B-1
25	Jumadil Syam	Analysis of Slope Stability using Variations of Limit Equilibrium Method in Papua	C-1
26	Dyah Ayu Rahmawati Cupasindy	Estimasi dan Verifikasi Nilai Desain Bearing Capacity Fondasi Batuan untuk Bendungan Beton Gravity	B-1
27	Andi St Waiyah Andisa	A Numerical Model of Rainfall-Induced Landslide for Slope Stability Analysis	B-1
28	Yanda Mufti	Improving Slope Stability Assessment in Coal Mining: Back Analysis Approach for In-Pit Dump Failures at Insani Baraperkasa, Kutai Kartanegara	D-1
29	Raffly Muhammad Darmawan	Analysis of Reinforced Soil Slope with MSE (Mechanically Stabilized Earth) System Dinding Penahan Tanah sebagai Fasilitas Penanganan Abu untuk Pembangkit Listrik	D-1
31	Fitria Wahyuni	Tenaga Uap Berbahan Bakar Batubara Jawa 9 dan 10	E-1
32	Andi Maqfirah Fitrah	Soil Consistency Prediction Based on Cone Penetration Test (CPT) using ANN (Artificial Neural Network) and Multinomial Regression (Case Study: Surabaya Region)	A-2
35	Jihan Nurul Pasha	Evaluasi Kinerja Metode Penentuan Deformasi Struktur Stasiun Bawah Tanah: Studi Kasus MRT Jakarta	B-2
		Characterizing Lithology and Determining Creeping Landslide Vulnerability in Pasanggrahan Area, Purwakarta, West Java: A Comprehensive Analysis of Physical and Mechanical Soil Properties	B-2

37	Muhammad Rayyan	A Reliability-based Design Optimization Method Based on Active-Learning Kriging Metamodeling for Value Engineering Processes in Geotechnical Engineering Practices	A-1
38	Muhammad Risyad Alditio	Analisis Stabilitas Lereng Galian Dalam dengan Menggunakan Model Tanah Elastoplastik Critical State Model pada Jalan Tol IKN Segmen 3B	B-2
40	Sagarasinja Kartika Putra	Analisis Balik Desain Vacuum Preloading vs Analisa Asaoke Metode dalam Peninjauan Sisa Konsolidasi Pasca Perbaikan Tanah	D-2
41	Merdy Evalina Silaban	Studi Eksperimental Sifat Mekanik dan Mikrostruktur Tanah Liat dengan Modifikasi Geopolimer Berbasis Metakaolin	D-2
42	Muhammad Adi Ibrahim	Seismic Safety Evaluation of Mechanically Stabilized Earth (MSE) Wall for Highway Construction	E-2
45	Muhammad Toyeb	Palm Oil Fuel Ash (POFA) as Modern Stabilization for Subgrade	A-1
46	Debby Endriani	Hubungan Nilai Plastisitas Index dengan Mineralogi Tanah Lempung yang Distabilisasi dengan Abu Cangkang Sawit Desa Tanjung Rejo Dusun Paloh 80 Deli Serdang	A-1
47	Daniel Hartono	Deformation Ratio in 2D and 3D Finite Element Modeling for Deep Excavation in Jakarta	E-2
48	M Irfan Marasabessy	A Comparative Study of One-Dimensional Site Response Analysis on Deep Soft Clay Deposit using DEEPSOIL and NERA	E-2
51	Dwi Agrina	Increment of bearing capacity using cement deep mixing (CDM) in terms of laboratory tests and field tests	D-2
53	Laura Elvirandra	Pengaruh Penggunaan Cerucuk Bambu pada Embankment Jalan dengan Tanah Lunak di Demak	D-2
56	Paulus Kevin	Lightweight Embankment : Performance Comparison of Geofoam and Mortar Busa For Settlement Reduction and Stabilization of Embankment Over Soft Soil	D-2
57	Ir. Bemby Sunaryo, M.Sc	Quality Control Method for Compaction in the Field using the "Soil Density Gauge" Tool	C-2
59	Yanwar Yusup Rukmana	Abrasion Value of Andesite Igneous Rock As Material Aggregate in Palangkaraya Area, Central Kalimantan	C-2
60	Asrinia Desilia	Perbaikan Tanah Lunak dengan Metode Grouting pada Ring Pondasi Dangkal Tangki Air	D-2
61	Zakwan Gusnadi	Analisis Perbaikan Tanah PVD dan Prabeban Vakum dengan Beberapa Metode Ekuivalensi Permeabilitas Menggunakan Metode Elemen Hingga 2D	E-1
62	Satrio Wibowo	Bored Pile as Rock Slope Reinforcement at KM 65+000 Lampung Mine	B-2
65	Albert Johan	Penggunaan Data Pengamatan Instrumentasi Geoteknik Dalam Menentukan Mekanisme Pergerakan Tanah Material Clay Shale	C-2
66	Yudhi Lastiasih	Study of Geotextile Reinforcement Requirements for Varied Road Embankment Heights Above Soft Soil Under Conditions With and Without PVD Installation	A-1
67	Nita Anggraini	Penentuan Kemiringan Lereng Pengerukan Pantai Tanah Lempung dengan Penggunaan Data Standard Penetration Test	E-2
68	Ilda Ayulianti	Assessment of Soldier Pile Structures in Basement Excavation in Bandung City, Indonesia	E-1
70	Anthony Gunawan	Clear Distance Required for Plate Load Test	C-2
73	Alfa Adib Ash Shiddiqi	Solusi penanganan tanah lunak dan tanah gambut pada ruas jalan Sp. Batang- Sp. Kulim Provinsi Riau	A-2
74	Anafi Minmahddun	Site Characterization of Intake Water project at Coastal Area of Kolaka, Southeast Sulawesi	E-2
75	Andreas Fendisa Putra, ST. MT.	Design Rigid Inclusion For Approaches Embankment in High Speed Rail UK	E-1
76	Det Komerdevi	Seismic Design Ground-Motion Input to Non-Linear Time History Analysis (NLTHA) of High-Rises Building for Practice in Indonesia	C-1
77	Efan Tifani	Pengaruh Penambahan Fly Ash Bottom Ash pada Stabilitas Tanah Lempung terhadap Nilai CBR	A-2

78	Justin Limoris	Ground improvement as a retaining wall at the utility crossing in an underground station excavation in Jakarta	E-1
80	Muhammad Hasan Wicaksono	Analisis Stabilitas Protection Lereng Spillway Bendungan Jlantah	B-2
82	Prof. Dr. Ir. Munirwansyah, MSc	Slope Stability and Increased Safety Factor Value Analysis Using a Combination of Gabion and Mini Pile at Ranto Perlak Access Road, East Aceh Regency - Aceh.	B-2
83	Steven Christian	Finite Element Modelling of Geocell with Actual Shape vs. Simplified Shapes	E-1
84	Vivi Bachtiar	The Effect of Matos Soil Stabilizer Addition in Stabilized Road Foundation Layer Using Cement,Lime, and Fly Ash on Index Properties of The Soil	A-2
85	Wilham G. Louhenapessy, Ph.D.	Prediksi Data Hasil Geotechnical Investigation Pengeboran Tambang/Teknik Sipil	A-1
86	Yu Changyi	Menggunakan Machine Learning / AI	A-2
87	Hasian Saud Juang	Study on the secondary lining force of soft rock tunnel with large deformation	E-2
88	Ahmad Nurahim	Penggunaan Geobag sebagai Perkuatan Tebing Sungai terhadap Gerusan di Tikungan Luar Sungai Seruyan	B-2
89	Roza Mildawati, S.T, M.T.	Pengaruh Bidang Gelincir terhadap Design Perkuatan Timbunan pada Tanah Lunak	C-1
90	Ramli Nazir	Pengaruh Pencampuran Abu Fiber Kelapa Sawit dalam Perbaikan Tanah terhadap Nilai Kuat Tekan Bebas Tanah Lempung	C-1
91	Abdul Halim Hamdany	Rain-induced Slope Failure: Unveiling Unwanted Design Vulnerabilities	C-1
93	Suryanegara Dwipa RS	Polymer Tensiometer for Measurement of Soil-water Characteristics Curve	C-1
94	Arief Alihudien	Static Compaction of Soil as an Alternative to Dynamic Compaction	C-1
95	Simon Heru Prasetyo	Identifikasi Jenis Tanah Wilayah Dekat Pantai Puger Menggunakan Bagan Klasifikasi Tanah Robertson 1990	A-2
96	Mutadi	Comparison of the Side Drift and Central Diaphragm Excavation Methods for the Construction of the Yogyakarta-Bawen Highway Twin Tunnels in Soft Ground Condition	A-2
		Mooring Line for FPSO Installation	A-2