

2nd ICDM 2020 Schedule First day (30 September 2020)

Parallel Session 1

08.00 - 09.30 (GMT + 7)

Opening Ceremony

09.30 - 10.00 (GMT + 7)	Opening by MC
	National Anthem
	Performance of Welcome Dance
	Conference Information
	Report from Chairman
	Welcome Remark from Governor of Sumatra Barat Province
	Opening Remark from Rector of Universitas Andalas

Keynotes Speech

10.00 - 12.20 (GMT + 7)	Moderator: Elsa Eka Putri, PhD
	Laksdya TNI Dr. Amarulla Octavian, S.T., M.Sc., DESD (National Defence Perspective of the Covid-19 Pandemic)
	Dr. dr Andani Eka Putra (Handling of the Covid-19 Pandemic at the Disaster Time)
	Prof. Werry Darta Taifur (The Impact of Pandemic Covid 19 on the Social Capital of Future Generations)
	Dr. Danny Hilman (Understanding Active Faults and Mitigating Earthquake Hazards)
	Nadine Sulkowski (Universities as Change Agents in Disaster Resilience – The Power of International Collaborations)
	Discussion

Time Break

12.20 - 13.30 (GMT + 7)	Lunch Break
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Parallel Session 2

13.30 - 15.00 (GMT + 7)

Parallel Session 3

15.00 - 16.30 (GMT + 7)

Closed

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Parallel Session 1

08.00 - 09.30 (GMT + 7)	Room 1 (Understanding Disaster Management)		
	Moderator :		1. Prof. Dr. Deddi Prima Putra, Apt
			2. Yosritzal, Ph.D
		Deddy Prima Putra	Traditional Medicine for Covid 19: Opportunities in Management for Combating Disease
	1302	Pungky Dharma Saputra, Cynthia Rahmawati, Kristanto Setio Hari Purnomo, Esta Larosa, Nurhasanah	Measurement Analysis of the Level of Household Preparedness for Facing Landslide in Bogor Regency
	1303	Pungky Dharma Saputra, Cynthia Rahmawati, Puji Karuniakhalida, Kristanto Setio Hari Purnomo, Esta Larosa	The Development of the Model of Influence of Sociodemographic Characteristics and Disaster Experience Toward Household Preparedness for Facing Landslide in Bogor regency
	1313	Mazin A. Al-Mazini, Alyaa Alhamaidah, Mustafa Shareef Zewair	Investigation the Effect of Central Openings in the Web on the Behaviour of the Plate Girders
	1334	Yaumil Zahro Fadila, Idah Andriyani, Dwi Putra Ardani	Analysis of Erosion Risk on Sub-Watershed Arjasa in Jember Regency
	1353	Alharia Dinata, F Dhiniati, L E Diansari	Delineation of Flash Flood Hazard Zones Based on Morphometric Parameters Using GIS Technique in Upper Lematang Sub-watershed
	1495	Akhmad Suraji	Causal Structure Framework of Man-made Disaster in Construction
Discussion			
08.00 - 09.30 (GMT + 7)	Room 2 (Geotechnical Engineering)		
	Moderator :		1. Assoc. Prof. Rohayu Che Omar, P. Geol
			2. Elsa Eka Putri, Ph.D
		Rohayu Che Omar, Badariah Solemon; Rasyikin Roslan and Intan Nor Zuliana Baharudin.	Disaster Resilience Index and Indicator System for Managing Risk in Hazardous Terrain
	1339	Kavindu Keshan Jayasinghe, Vivi Anggraini, Agusril Syamsir, Nanda	Investigation of Unstable Soil Stabilized Using Fly-Ash Cement Grouting
	1348	Fathol Bari, Julita Andriani Repadi, Abdul Hakam, Febrin Anas Ismail, Andriani	Optimum Height of the Retaining Gravity Wall
	1352	Jodin Makinda, Khairul Anuar Kassim, Chong Chun Siong, Muttaqa Uba Zango, Abubakar Sadiq Muhammed	Geotechnical properties of unprocessed soil from abandoned Mamut mine in Sabah, Borneo
	1374	Aisyah Salimah	Slope Stability Analysis for Landslide Mitigation In Satui, Tanah Bumbu, South Kalimantan
	1388	Admiral Musa Julius, Daryono, I Dewa Ketut Kerta Widana	Preface of Destructive M<5 Earthquakes in Java Island, 2015-2019
	1337	Tri Basuki Kurniawan, Fathoni Usman, Rohayu Che Omar, Khairul Amri Sanusi	Preference System for Guided and Selection of Improvement Type and Assessment of Soil Based on Expert Opinion with Weighted System
Discussion			
08.00 - 09.30 (GMT + 7)	Room 3 (Improving Lesson Learnt in Disaster Management)		
	Moderator :		1. Dr. dr Dien Gusta Anggraini Nursal, MKM
			2. Prof. Fauzan
	1442	Dien Gusta Anggraini Nursal, Aprianty Aprianty, Susan Pestariangin Halawa	The Implementation of Reproductive Health Program During the Flash Flood Disaster in Sijunjung, West Sumatra in 2018
	1308	Wendi Boy, Rafki Imani and Nisa Tri Noviani	Identification of Constraints of Contract Quality Plans in the Padang Kuranji Sediment Controlling Construction Project
	1333	Sri Siswati, Yolanda Safitri	Management of Student Learning With Information Technology During the Covid-19 Pandemic
	1358	Sumi Amariena Hamim, Fathoni Usman, Hendry Natanael Gumano, Fikri Jamil	Urban Poverty Respon Management During Pandemic Using Geographic Information System
	1410	Imam Maulana, Lilla Raswita, Septia Karlina, Zahratunnisa Zahratunnisa, Mohd Hafiz Al Mukarram, Rina Suryani Oktari	PASMINA: Arts-Based Tsunami Education with an Islamic Theme Adopted from Nandong Smong
	1300	Ryobi Irfanto	Impact on Construction Productivity based on The Minister of Health's Decree in Indonesia
	1365	Eka Juliafad, Totoh Andayono	Study on Building Permit Awareness in West Sumatra, Indonesia
	1500	Taufika Ophiyandri, Benny Hidayat, Aulia Jenica	Identification of Hydrological disaster (Flood and Landslide) in West Sumatra using Content Analysis Method
Discussion			

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Parallel Session 2

13.30 - 15.00 (GMT + 7)	Room 1 (Understanding Disaster Management)		
	Moderator :		1. Syamsidik, Dr. Eng
			2. Yosritzal, Ph.D
		Syamsidik	Co-Benefits of Structures for Tsunami Mitigation Alternatives
	1356	Edward Mendy, Syamsidik, and Khairul Munadi	Local and Indigenous Knowledge and Its Importance to Subsistence Farmers to Reduce Risk of Food Security: A Case Study in West Coast Region-the Gambia
	1360	Rudi Salam, Cynthia Rahmawati, Anissa Ayu Pramutri, M Luthfi Oktarianto, Esta Larosa	Impact of Pandemic COVID-19 for Various Sectors In Indonesia 2020: Education, Health, and Industrial
	1366	Fritz Harland Sihombing	Multi-hazard Assessment and Shelter Allocation in DKI Jakarta: An Initial Study
	1382	Hana Qurrota A'yun, Vanya Komara Putri, William Aditya Pramana, Asrini Chrysanti, Mohammad Bagus Adityawan, Mohammad Farid	Area Based Tsunami Risk Assessment in West Aceh and Nagan Raya Regencies
	1395	Putri Tunjung Sari, Indarto, Muhammad Rizal Romadhon, Mohammad Wawan Sujarwo	Effect of Land Criticality on Nutrient Availability (Case Study of Dinoyo Sub Watershed, Jember Regency, Indonesia)
	1359	Rafki Imani, Utami Dewi Arman, Afrida Sari	The Community Capacity To Respond to Earthquakes and Tsunami Threat in Air Tawar Barat Sub-District, Padang City, West Sumatra, Indonesia
13.30 - 15.00 (GMT + 7)	Discussion		
	Room 2 (Tsunami and Seismic Engineering)		
	Moderator :		1. Buan Ansari, Ph.D
			2. Dr. Ruddy Kurniawan
		Buan Anshari	An economic CLT house as a reasonable design for earthquake resistance house post Lombok Earthquake Disaster 2018
	1321	Ryo Majima, Kazuhiro Hayashi, Taiki Saito	Performance Evaluation of Dynamic Pulley Damper System for Installation Angle
	1329	R. S. Yuliatmoko, T. Kurniawan, B. Sunardi, T. Hardy, A. A. Martha, Supriyanto Rohadi, Nelly Florida Riama	Case Study: Estimating the Occurrence of Sea Water Intrusion Using Geoelectrical Method in Pangdaran District
	1332	Rizki Robbi Rahman Alam, Mohammad Bagus Adityawan, Mohammad Farid, Asrini Chrysanti, Widyaningtias Widyanyingias, Mipi Ananta Kusuma	Tsunami-Induced Inundation on the Coast of Palu City
	1344	Sulamo Larno, Dio Prima Mulya, Renita Astri	Tsunami Evacuation Geographic Information System (GIS) Education as Disaster Mitigation
	1351	Leli Honesti, Muhd Zaimi Abd Majid, Meli Muchlian	Establishing Tsunami Hazard Zone in Pasir Jambak Sub-District, in Padang, Indonesia
13.30 - 15.00 (GMT + 7)	1497	F Nugroho, Maidiawati, J Tanjung and Zaidir	Analytical Study on Lateral Strength of Multi-Span RC Frame with Masonry Infill
	Discussion		
	Room 3 (Water and Resources Engineering)		
	Moderator :		Dr. Nurhamidah
	1304	Andy Ikhsan, Mas Mera	Case Study: Significant Factors in Hazard and Vulnerability Assessments in Flood Mitigation in Padang City
	1320	Tivany Edwin, Mas Mera, Puti Sri Komala, Denny Helard, Vera Surtia Bachtar	Case Study: Vertical Distributions of Both Temperature and Dissolved Oxygen in Lake Diatas - Indonesia
	1326	Satia Cahya Noviadi	Analysis of the Drought Distribution of the Palmer Drought Severity Index (PDSI) method in the Irrigation Jurang Sate on Lombok River Basin
	1341	Maryo Inri Pratama, Faizal Imaddudin Rohmat, Mohammad Farid, Muhammad Bagus Adityawan, Arno Adi Kuntoro, Idham Riyando Moe	Flood Hydrograph Simulation to Estimate Peak Discharge in Ciliwung River Basin
	1343	Abdul Chalid, Bagus Prasetya, Ivan Aliyatul Humam, Muhammad Luthfi Assidik	Integrated Technical Intervention for Flood Risk Reduction in Future Cisangkuy Watershed Downstream
	1387	Robi Fernando, Agung Bhakti Utama, Galih Adya Taurano, Liza Riani, Idham Riyando Moe	Development of Flood Inundation Maps as an initial Assessment for Flood Disaster Mitigation - a Case Study of Selagan River Basin
13.30 - 15.00 (GMT + 7)	1390	Mohammad Farid, Deri saputra, Tias Ravena Maitsa, Tri Nugraha Adi Kesuma, Arno Adi Kuntoro, Asrini Chrysanti	Relationship Between Extreme Rainfall and Design Flood-Discharge of The Ciliwung River
	Discussion		

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Parallel Session 3

15.00 - 16.30 (GMT + 7)	Room 1 (Transportation and Logistics)		
	Moderator :		Yossyafra, Ph.D
	1295	A B Utomo, L F Hidayatiningrum, and B Dhanardono	Application of Porous Concrete to Resolve Flood on the Roads
	1305	Shuhairy Norhisham, Muhammad Fadhlullah Abu Bakar, Agusril Syamsir, Nur'atiah Zaini, Nur Lyana Baharin, Nur Syafiqah MOHD SHKURI, Noorazizun Mohd Saad	Evaluating the Quality of Service for Bus Performance in Alor Setar
	1306	Shuhairy Norhisham, Muhammad Fadhlullah Abu Bakar, Agusril Syamsir, Nur'atiah Zaini, Nur Lyana Baharin, Nur Syafiqah Mohd Shukri, Noorazizun Mohd Saad	The Development of Expert System for Bus Services in Klang Valley
	1354	Angelalia Roza, Mohamed Rehan Karim, Aditya Nugraha Rusli, Andi Mulya Rusli	Understanding Important Variables for Mode Preference; A Case Study of Intercity Land Mode
	1391	Hans Dermawan, Widsri Palamba, Enma Sebayang	A Comparative Study on Bridge Road Works Methods for Flood Tide Management in Agats-Suator Project
	1392	Wan Azdi Wan Omar, Gasim Hayder, Ali Aldrees, Abubakr Taha Bakheit Taha	Feasibility Study on Use of Solar Energy in Malaysia's Light Rail Transit
	Discussion		
15.00 - 16.30 (GMT + 7)	Room 2 (Strengthening Sustainability Development)		
	Moderator :		Rendy Thamrin, Dr. Eng
	1311	Dhurgaashini Mohan, Yusuf Essam, Herda Yati Binti Katman, Ali Najah Ahmed, and Abd Halim Shamsuddin	Potential Environment and Socio-economic Impact of Biofuel Production in Malaysia: A Preliminary Review
	1328	Ni Nyoman Kencanawati, Akmaluddin, Rima Marlitasari, Gazi Paedullah	Study on Robustness of Rebound Hammer and Ultrasonic Pulse Velocity Measurement in Several Concrete Damage Levels
	1331	Rizki Muhammad Iqbal, Agus Nugroho, Fajri Fajri, Hafsyah Intan Martiastuti, Laura Nonita, Keumala Fadhiela	Financial Performance and Impacts of Village Fund on Post Disaster Rural Economic Development in Pidie Jaya-Indonesia
	1362	Maizuar, Said Jalalul Akbar	Estimating Deterioration Rate of a Bridge Using Changes in Natural Frequencies
	1318	Gan Jacky, Ali Najah Ahmed	Impact of Malaysia's World Class Palm oil Production Toward Industry
	1370	Nur Ikhsani Rahmatika, S K Sakti, A Boediarso	Women Empowerment in Post- Disaster Recovery after 2018 Tsunami in Sumur Regency Pandeglang District
	1457	Bayu Martanto Adji, Bambang Istijono, Taufika Ophyandri, Benny Hidayat	Implementation Empowering Communities in Small Scale Irrigation Projects during Covid 19 Pandemic in Padang and Padang Pariaman Districts
	Discussion		
15.00 - 16.30 (GMT + 7)	Room 3 (Enhancing Framework for Sustainability)		
	Moderator :		Prof. Fauzan
	1314	Yuliandri, Muhammad Ichsan Kabullah, Khairul Fahmi, Feri Amsari, dan M Nurul Fajri	Beyond the Tsunami Effect: Towards an Understanding of The Special Autonomy Budget Policy in Reducing Poverty in Aceh
	1323	Angga Arief Gumilang S, Muhammad Rusli	Seismic Performance of Earthquake Resistant Simple Residential Confined Masonry House Structure Based on Permen PUPR No.5 of 2016 Specification
	1342	Putri Nilam Sari, Aria Gusti, Nofriya Nofriya, Ismike Suci, Mahesa Pratama	Sustainability of the Climate Village Program to Prevent the Impact of Climate Change on Water Supply and Sanitation: A Perspective From the Pestle Analysis
	1373	Hauwa Mohammed Mustafa, Gasim Hayder, Mahmud Iwan Solihin, Rashid A Saeed	Applications of Constructed Wetlands and Hydroponic Systems in Phytoremediation of Wastewater
	1378	Annisa Umul Fitrah, Mahdi Mahdi, Lora Triana, Agus Nugroho	Multi Hazard Perception During COVID-19: Evidences from Rural Communities in West Sumatra, Indonesia
	1490	Ade Prayoga, Masrilayanti, Jafri Tanjung, Zairah Nabilla Sidiq	Fragility Assesment of Mid-Rise RC Building using HAZUS Method in High Seismic Zone
	1501	Taufika Ophyandri, Daz Edwiza, Reyhan Ananda Firman	Community Satisfaction Index on Tsunami Shelter in Padang
	Discussion		

2nd ICDM 2020 Schedule Second day (01 October 2020)

Parallel Session 4

08.00 - 09.30 (GMT + 7)

Keynotes Speech

09.30 - 12.00 (GMT + 7)	Moderator: Taufika Ophiandri, Ph.D
	Prof. Louise Comfort (Cognition, Action, and COVID-19: Managing Cascading Crisis)
	Prof. Mohamad ElGawady (Resilience and Accelerated Bridge Construction)
	Prof. Iswandi Imran (Improving the Seismic Resilience of Infrastructures through Continuing Mitigation Program; A Case of Indonesia)
	Prof. Yasushi Sanada (How to Improve RC Building with Deficient Beam Rebar Anchorage)
	Dr. Febrin Anas Ismail (Local Wisdom in Tsunami Mitigation Program. Case Study: Padang City)
	Discussion

Time Break

12.00 - 13.00 (GMT + 7)	Lunch Break
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Parallel Session 5

13.00 - 14.30 (GMT + 7)

Parallel Session 6

14.30 - 16.00 (GMT + 7)

Closing Ceremny

Best Presenters Announcement (MC)

Conference Report

Closing Remark from Head of Centre of Research and Community Services, Andalas University

2nd ICDM 2020 Schedule Second day (01 October 2020)

Parallel Session 4

08.00 - 09.30 (GMT + 7)	Room 1 (Understanding Disaster Management)		
	Moderator :		Elsa Eka Putri, Ph.D
	1461	Benny Hidayat, Dede Oktria Syaferi, Taufika Ophiyandri, Rudy Ferial	Analysis of the contractors performance during the covid-19 pandemic in West Sumatera Province, Indonesia
	1414	Kartika Puspita Sari, Hidehiko Kanegae, Muflichah Roychani	Local Risk Managers' and Disaster Volunteers' Awareness, Intention to Use and Attitudes Toward a Local Government-Developed Disaster Information System: A Case of SIKK Magelang
	1418	Dewi Jayagma Ilham, U Anggarini, J Juniarti and D Fiantis	Utilization of Volcanic Ashes for Geopolymer Based on Alkaline Activator and Solid-liquid Ratio
	1420	Dwi Marsiska Driptufany, Fajrin	Early Detection of The Distribution of Heat Stress Hazards for Sustainable Land Use Planning In Padang City
	1431	I Wayan Muka, Wendi Boy	Property Development Risk Management Process Model
	1355	Prima Fithri, Zakia Aliffiana Ulfa	Disaster Resilience Measurement in Padang's hotel sector
	1322	Syamel Muhammad, Restu Susanti	How Far is Covid-19 Pandemic Situation Influence Surgical Treatment in Gynecology Cancer? : Comprehensive Review for Indonesian
	Discussion		
08.00 - 09.30 (GMT + 7)	Room 2 (Geotechnical Engineering)		
	Moderator :		1. Dr. Dalrino, ST, MT
			2. Dr. Ruddy Kurniawan
	1312	Subbarayan Saravanan, Bambang Istijono, Jesudasan Jacinth Jennifer, Devanantham Abijith, Sivaranjani S	Landslide Susceptibility Assessment Using Frequency Ratio Technique – A Case Study of NH67 Road Corridor in the Nilgiris district, Tamilnadu, India
	1447	Muhajirah	Shaking table tests to investigate the influence of grain shape on the excess pore water pressure
	1468	Andriani, Geri Despita Putra, Salsabila Ramdhani, Ismael, Hendri Gusti Putra	Analysis of Landslide Potential Due to Changes in Land Use/Land Cover at the Kuranji Watershed, Padang Using the Normalized Difference Built-Up Index (NDBI)
	1471	Rina Yuliet, Abdul Hakam, Mas Mera, Fauzan	The Effect of Water-Saturated Sand Fraction on the Sand Boiling Phenomenon
	1467	Bayu Martanto Adji, Bambang Istijono, Abdul hakam, Andriani Satriawan, Muhammad Anshari	Liquefaction Disaster Mitigation on railway Corridors in Padang City, West Sumatra
	1444	M Sang Gumilar Panca Putra, Heri Permana Sati, Tarnizi	Soil Characteristics Mapping Pagar Alam City (Study Case: Soil Characteristics in North PagarAlam Sub-District)
	1492	D I Mazni, A Hakam, J Tanjung, F A Ismail, Yossyafra	A Simple Method for Design Segmental Retaining Wall Structure
08.00 - 09.30 (GMT + 7)	1499	Julita Andriani Repadi, Fathol Bari, Abdul Hakam, Febrin Anas Ismail, Andriani	Land use on noncohesive slopes
	Discussion		
	Room 3 (Improving Lesson Learnt in Disaster Management)		
	Moderator :		1. Dr. Marlon De Luna Era
			2. Taufika Ophiyandri, Ph.D
	1456	Marlon de Luna Era	Mobilization of Social Capital during post Haiyan in the two municipalities of Leyte Province Philippines
	1428	Septi Mayang Sari, Nila Anggreiny, Mafaza	Responding to Uncertainty During COVID-19
	1484	Sobar Sutisna, Sa'dianoor Sa'dianoor, Syamsul Maarif, Jazmi Adlan Bohari	Geospatial Analysis for Developing Agriculture of Marshlands to Support Regional Food Security in the Era of Pandemic Covid-19 in HST Regency, Kalimantan Selatan
	1485	Zahrotul Khumirah, IDK Kerta Widana, Siswo Hadi Sumantri	The Role of Communication as The Disaster Risk Reduction in Indonesia Capital City Transference Policy
	1486	Emalem Bangun, IDK Kerta Widana	The Impact of the COVID-19 Pandemic on the Social Life of Female Workers
	1438	Dina Subagia, Deny Widi Anggoro, Samsul Maarif, Sugeng Tri Utomo	Civil And Military Cooperation On 2018 Lombok Earthquake Disaster Emergency Response
	1435	Anwar Kurnaidi, Siswo Hadi Sumantri	The Role of Local Disaster Relief Agency to Influencing Local Government to Make New Spatial Management Local Regulation in Pandeglang Regency
	Discussion		

08.00 - 09.30 (GMT + 7)	Room 4 (Tsunami and Seismic Engineering)		
	Moderator :		1. Junaidi, Dr. Eng
	1437	Jazmi Adlan Bohari, IDK Kerta Widana	Short Training To Improve Knowledge of Disaster Management on Basic Level: A Before and After Study
	1493	Yossyafra, Marlinda, M Syukur, D I Mazni	Impact of Uncontrol Landuse Change on the Road Performance of the Tsunami Evacuation Road in the Municipality of Padang
	1469	Ruddy Kurniawan, Aimuthia Citra Utami, Fauzan	Analytical Fragility Curve Development of Maternity and Children's M. Djamil Hospital Building Padang Due to Earthquake and Tsunami
	1480	Rendy Thamrin, Zaidir, Amirah Zakiyyah	Effect of Reinforcement Ratio on Flexural Behavior of Reinforced Concrete Beams Strengthened with CFRP Plates
	1462	Nidiasari, Sabril Haris, Jati Sunaryati	Trapezoidal Corrugated Plate Behavior on Steel Plate Shear Wall
	Discussion		

2nd ICDM 2020 Schedule Second day (01 October 2020)			
<i>Parallel Session 5</i>			
13.00 - 14.30 (GMT + 7)	Room 1 (Understanding Disaster Management)		
	Moderator :		1. Dr. Doddi Devianto, MSc
			2. Yossyafra, Ph.D
	1416	Dodi Devianto, Anis Nur Afifah, Ika Kurnia Febrianti	The Bayesian Model of Covid-19 Case Fatality Rate Proportion on Provinces in Indonesia
	1432	Fathoni Usman, Sumi Amariena Hamim, Hendry Natanael Gumano, Fikri Jami	Geospatial Analysis in Managing Medical Facilities for Combating Disaster Triggered by The COVID-19 Pandemic
	1451	Teguh Haria Aditia Putra, Bambang Istijono, Aprisal, Bujang Rusman, Andriani, Abdul Hakam, Adrinal and Taufika Ophiyandri	Interrelations of Rainfall and Morphometric Characteristics in Generating Geological Disasters of Kuranji Watershed Padang City
	1406	Ayulia Fardila Sari ZA, Syafrawati and Laa Tania Fizkriy	Descriptive Study of Behavior in Using Personal Protective Equipment (PPE) to Prevent Covid-19 for Primary Health Care Officers in Padang City
	1477	Reinny Patrisina, D Meilani, M Habib	An Information Management System for Effective Disaster Relief Operations
	1436	IDK Kerta Widana, Dewi Apriliani, Samsul Maarif, Khairunnisa Adri	Knowledge and Attitudes of the BNPB Leaders Towards Nuclear Disaster Threat in Indonesia : Expectation and Reality
	Discussion		
13.00 - 14.30 (GMT + 7)	Room 2 (Tsunami and Seismic Engineering)		
	Moderator :		1. Maidiawati, Dr. Eng
			2. Sabril Haris HG, Ph.D
	1482	Maidiawati, Jafri Tanjung	The seismic responses of RC frames infilled with full and partial masonry walls under cyclic lateral load
	1377	Rahmadona, Masrilayanti, Ruddy Kurniawan	Seismic Vulnerability Assessment On The Three Span of Girder Prestress Concrete (PCI) Bridge In Kuranji – Padang Analytic Fragility Curve By Developing Fragility Curve
	1381	Ridho Aidil Fitrah, Deni Irda Mazni, Welly Pratiwi, Zev Al Jauhari	Seismic Assessment of Irregularities in Steel Special Moment Resisting Frame with Asymmetric-plan Building (Case Study: Gedung D – Universitas Dharmas Andalas)
	1398	Daniel Jesayanto Jaya, Shilmi Arifah, Slamet Widodo	Review of Internal Force Magnitude at the 5-Floor Hospital in North Sulawesi Province between SNI 1726-2012 and SNI 1726-2019 with Response Spectrum (2D) Method
	1412	Zev Al Jauhari, Armada Armada, Faisal Ananda, Ridho Aidil Fitrah	Comparison of Design Acceleration Response Spectra in Riau Province based on the SNI 1726:2019 and SNI 1726:2012 Methods
	1424	Teuku Muhammad Rasyif, Syamsidik	Tsunami run-up assessment toward human lives around Meuraxa of Aceh, Indonesia
	1494	Masrilayanti, Ade Prayoga, Ruddy Kurniawan	Seismic Performance of Medium Cable Stayed Bridge
	1496	H Medriosa, Zaidir, Maidiawati and J Tanjung	Analytical Study on Effect of Central Opening of Masonry Infill to Its Lateral Strength
	Discussion		

13.00 - 14.30 (GMT + 7)	Room 3 (Water and Resources Engineering)		
	Moderator :		1. Revalin, Ph.D
			2. Hendra Gunawan, MT
	1479	Revalin Herdianto, Elvi Roza Syofyan, Bambang Istijono	The Effect of DEM Resolution on Calculation of Erosion in Batang Kuranji Watershed
	1396	Salehudin, Lahu Wirahman W, Hasyim, and Rohani	The Analysis of Correlation Between Regime's River Coefficient and Runoff Coefficient (Case Study in Catchment Areas of Sidutan and Reak)
	1425	Syamsul Hidayat, Humairo Saidah, M Bagus Budianto, Bambang Harianto and I B Giri Putra	A Multi-objective Optimisation for Reservoir System Operation During Drought
	1401	Eti Kurniati, Kamariah, Tri susilawati	Analysis of Clean Water Distribution Systems Using EPANET 2.0 (Case study of Uma Sima Village, Sumbawa Regency)
	1439	Adi Subiyanto, IDK Kerta Widana, Admiral Musa Julius	Resilience: A New Concepts in Dealing with Hydro-meteorological Disaster and It's Application at the Provincial Level in Indonesia
	1393	Deswati, Safni, Elsa Yani, Khairiyah, Refinel, Hilfi Pardi	Utilization of Biofloc on Flood & Drain Aquaponic Systems to Improve Water Quality (Amonia, Nitrite, Ntrate)
	1476	Nursetiawan, Muhamad Ghutsni Faisal, Jazaul Ikhsan	The Impact of Tidal Flood on Land and Buildings By 3D Modeling in The Area of Pekalongan
13.00 - 14.30 (GMT + 7)	1450	Dalrino, Revalin, Herdianto, Daniel Blesson Silitonga	Study of Groin Structures Effectiveness for Against Abrasion in Padang Beach
	Discussion		
	Room 4 (Understanding Disaster Management)		
	Moderator :		1. Purnawan, Ph.D
	1390	Mohammad Farid, Deri saputra, Tias Ravena Maitsa, Tri Nugraha Adi Kesuma, Arno Adi Kuntoro, Asrini Chrysanti	Relationship Between Extreme Rainfall and Design Flood-Discharge of The Ciliwung River
	1394	Bintang Candra Jatmiko	Analysis of Water Availability and Planting Index in Dams in Bedadung Watershed
	1457	Bayu Martanto Adji, Bambang Istijono, Taufika Ophyandri, Benny Hidayat	Implementation Empowering Communities in Small Scale Irrigation Projects During Covid 19 Pandemic in Padang City and Padang Pariaman Districts
	1361	Faisol Abdul Kharis, I Dewa Ketut Kerta Widana, Arief Budiarto	The Preparedness of Communities Around Cilacap Industrial Companies in Facing Tsunami Treats
	1440	Muchtar Windarta, Daniel Jesayanto Jaya, Slamet Widodo	Comparative Study on Using of SNI 1726-2012 and SNI 1726-2019 for Calculating of Internal Force Magnitude of Lecture Building in D.I. Yogyakarta Province
	1426	Pradjoko, Setiawan, Wardani, Hartana	The Impact of Mandalika Tourism Area Development on the Kuta Village, Center Lombok, Indonesia Based on Tsunami Hazard Analysis Point of View
	1475	B Hidayat, A Rasadi, and T Ophyandri	Decision support system in determining the priority of disaster mitigation infrastructure development in villages using the simple additive weight (SAW) method
	Discussion		

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Parallel Session 6

14.30 - 16.00 (GMT + 7)	Room 1 (Transportation and Logistics)		
	Moderator :		Hendra Gunawan, MT
	1421	Bayu Budi Irawan, Ridho Aidil Fitrah, Dwi Intan Suci Rahmadani	Analysis of Pedestrian Crossing Needs in the Transmart Shopping Center Area in Padang City
	1455	Bayu Martanto Adji, Yosritzal, Sri Wahyuni Saputri, Astrha Fashalli	The Performance Service Evaluation of Sibinuang Regular Passenger Train
	1460	Bayu Martanto Adji, Muhammad Anshari, Purnawan	Mitigation of Level Crossing Handlings on The The Railway line, Padang - Pulau Aie Corridor
	1464	Elsa Eka Putri, Rieke Rulvita Sari	The Study of Split Mastic Asphalt Pavement with Latex Addition for Flooded Road
	1470	Titi Kurniati, Alde Nova Fajri, Purnawan	Study of Motorcycle Positions Distributions on-road Lanes with Traffic Flow Variables
	1491	Purnawan, Miftahul Khairah	Traffic Management at Landslide Disaster in West Sumatra and Its Impact to Passangers and Drivers
	Discussion		
14.30 - 16.00 (GMT + 7)	Room 2 (Strengthening Sustainability Development)		
	Moderator :		Rendy Thamrin, Dr. Eng
	1379	Sri Juniati, A Hadid, B Toknok, R Nurdin, T A Paramitha	Climate-Smart Agriculture: Mitigation of Landslides and Increasing of Farmers' Household Food Security through Crop Diversification S Juniati, A Hadid, B Toknok, R Nurdin, T A Paramitha 1Department of Agribusiness, Faculty of Agriculture, Muhammadiyah
	1441	Pedaricka Deastra, D. J. Wagg, N. D. Sims	Using a Tuned-inerto-viscous-hysteretic-damper (TIVhD) for Vibration Suppression in Multi-storey Building Structures
	1384	Shaikh Muhammad Mubin, Vivi Anggraini, Vivi Anggraini, Agusril Syamsir, Agusril Syamsir, Abdulmalek Mohammed Hussein Sofan, Jihan Melasari, Rita Nasmirayanti	Evaluation of Mechanical and Structural Properties on The Degradation of Treated and Untreated Coir, Jute and Kenaf Nettings
	1397	Shaikh Muhammad Mubin, Agusril Syamsir, Daud Mohamad	A Review on Experimental and Numerical Studies of Glass Fibre Reinforced Polymer (GFRP) Strips Strengthened Reinforced Concrete (RC) Slab Subjected to Low Velocity Impact
	1405	J Fajrin, IW Sugiartha, M Eniarti, and Pathurahman	Bamboo-Based Temporary House for Post Disaster Relief: A Conceptual Design and Prototype Built After Lombok Earthquake 2018
	1488	S Haris, J Sunaryati and A D Masdar	Experimental study of the screw connection of cold-formed steel applied in the same and opposite directions
	Discussion		
14.30 - 16.00 (GMT + 7)	Room 3 (Enhancing Framework for Sustainability)		
	Moderator :		Taufika Ophiyandri, Ph.D
	1422	F I Ginting, Gusnidar, M Nelson, Rudiyanto, B Minasny and D Fiantis	Changes in Anak Krakatau landscape and the chemical characteristics of the pristine volcanic deposits after December 2018 eruption
	1427	Difana Meilani, Rika Ampuh Hadiguna, Celya Ayu Pradipta	Geographical Information System for Disaster Relief Distribution on Natural Disaster Response
	1430	Miftahul Huda	Effect of Competence and Quality of Human Resources on Construction Project Performance
	1316	Joseph Rei Mark Co	Disaster Risk Reduction and Management Framework for Kennon Road
	1383	Isnan Fauzi, Ivonne M Radjawane, Hamzah Latief, R F Ritonga and H Y Faizin	Assessment of Adaptive Capacity to Sea Level Rise using Open-Loop System, Case Study: Cirebon and Pangandaran
	1445	Mutia Putri Monika, Akhmad Suraji, Jennifer Hardi and Rudy Ferial	Sustainable Affordable Housing Delivery System (HDS): A Comparative Study of Indonesia and United Kingdom Best Practices
	1498	Rendy Thamrin, Ruddy Kurniawan, Barkhia Yunas, Iqbal Arifky	Flexural Behavior of Reinforced Concrete Beams with High Strength Material Layer in Compression Zone
	1487	Jati Sunaryati, Sabril Haris HG, Riski Hidayat	Experimental Study of 4 Screw Joints which were parallel to the Tensile Force in Cold Formed Steel
	Discussion		