

HUMBOLDT KOLLEG IN INDONESIA

Urban Partnership Melting Pot

JANUARY 17 – 20, 2022 (TIME ZONE UTC+7)

The program will run virtually through virtual platform (<https://meltingpot2022.exposim.io/>).

JANUARY 17, 2022	
Time	Program
14:55 – 15:00	Call to join the main virtual meeting
15:00 – 16:00	<p>Opening Melting Pot: knitting stories and the 70th years Germany-Indonesia Bilateral</p> <p>H.E. Ina Lepel German Ambassador for Indonesia</p> <p>Dr. Laksana Tri Handoko, M.Sc. Head of National Research & Innovation Agency (BRIN)</p> <p>Dr. Enno Aufderheide General Secretary President of the Alexander von Humboldt Foundation</p> <p>Art performance UPJ Students</p> <p>Ir. Frans Sunito President of Universitas Pembangunan Jaya</p> <p>Leenawaty Limantara, Ph.D. Humboldt Fellow Rector of Universitas Pembangunan Jaya</p>
16.00 – 16:15	Break
	Networking on virtual platform Visiting virtual booths
16:15 – 17:00	<p>Keynote 1 (K1): plenary session (including Q&A) Prof. Dr. Bernhard Mueller (Technische Universität Dresden) Sustainable Urban Expansion – Lessons for ASEAN Countries</p>
17:00 – 17:40	Plenary session: presentation on Humboldt Foundation's programs: Dr. Katja Yang Head of Asia Division, Alexander von Humboldt Foundation
17:40 – 18:20	Networking session 1: Consortium: Roadmap for ASEAN Urban Consortium, hosted by: Eddy Yusuf, Ph.D. (Vice Rector Universitas Pembangunan Jaya)

17:40 – 18:20 **Poster session I: virtual exhibition hall** (19 posters, please refer to the Program Book for the complete list of posters' authors)
The posters in this list will stay for Day 1 and Day 2 (January 17-18, 2021)

17:40 – 18:20	Poster session I: virtual exhibition hall (19 posters, please refer to the Program Book for the complete list of posters' authors) The posters in this list will stay for Day 1 and Day 2 (January 17-18, 2021)		
17:40 – 18:20	No.	Author	Title
	1	Abdul Gafur	Urban Smart Waste Management
	2	Agustinus Setiawan	Compressive Strength Model Prediction of Zero Cement Geopolymer Concrete Using Multiple Regression Analysis
	3	Aphitta Yodying	The Accuracy Assessment of the Weather Research and Forecasting (WRF) Model: A Case Study of Tropical Storm Doksuri Over Thailand
	4	Clara Ajiuksmo	The Assessment of Potential Small Group Business Developed in Three District in Jakarta
	5	Deni Setyono	Realizing Spatial Justice in Developing School Zoning, Case Study: Elementary School in Malang City
	6	Endang Pitaloka	Corporate Image: Does it Matters for Urban Customers
	7	Hanif Fitria	Impact of Concrete Use on Infrastructure Development
	8	Hari Nugraha	Identification of Urban Studies' Needs through a Market Survey
	9	I Nyoman Wijaya	Determining The Strategic Issue of Sustainable Development by Operating DEMATEL as Supporting Technique of Analysis – A Case of Strategic Environmental Assessment (SEA) on Gresik Municipality - Indonesia
	10	Johannes Siregar	Designing a Web Application for Product Introduction of Small Enterprise in Urban Area at South Tangerang City, Indonesia
	11	Kamonchat Seejata	Flood hazard mapping using WRF rainfall and geospatial data in Northern Thailand
	12	Muhammad Ibad	The Self-organizing System of Urban Region: A Review
	13	Musa Eya	Effect of Bailout Funds to States Government: Access to Justice and Challenges on Sustainable Development in Nigeria
	14	Nguyen Anh	Efficiency of Mono-stable Piezoelectric Duffing Energy Harvester in Resonance Domain

	15	Nina Ginting	Communication Barriers between Parents and Teachers Marie Joseph School in the Age of Distance Learning
	16	Rufman Akbar	Smart Phone-based Mobile FTP Server Design
	17	Runi Rulangi	The Subjective Well-being Profile of Working Mothers at Tangerang Selatan During COVID-19 Outbreaks
	18	Safitri Jaya	Building Machine Learning Computing as a Tool to Measure the Characteristics of Prospective Students in Choosing Study Programs

JANUARY 18, 2022	
Time	Program
15:00 – 15:45	Keynote 2 (K2): plenary session (including Q&A) Prof. Dr.-Ing. Dieter D. Genske (Hochschule Nordhausen) Creating Resilient Plus-Minus-Energy Regions
16:00 – 17:30	Parallel Session I (Urban Growth Pattern, Transformation, and Resilience): Virtual closed auditorium 1 (6 presenters): <ol style="list-style-type: none"> 1. Wat Chulamani, the Oldest Temple in Muang Phitsanulok: The Importance of the Past to Urban Expansion in Present Day Charatdao Kongmuang, Natthasasiao Nakkotchasee, Polpreecha Chidburee 2. Informal Settlements: The Conflicts of Land and Urban Image in Jakarta Eka Permanasari 3. Mangrove Rehabilitation as an Effort for Sustainability and Resilience of Coastal Urban Growth Felia Srinaga, Harianto Hardjasaputra, Natasia Heindri 4. Comparative Study of Electronic Money Acceptance Between Educated Generation X and Generation Y in Urban Areas Edi Purwanto, Rachman Sjarief, Anil Dawan, Sarahnada Kurniawan, Nawangwulan Pertiwi, and Nicky Zahra 5. Improving the Construction Schedule of a Two-Story Housing Project by Using BIM and the Repetitive Scheduling Method Sutthichai Prasatketkarn, Kumpon Subsomboon 6. Vertical housing development interventions for sustainable urban development in Kigali David Mihigo and Fredrick Bwire Magina
	Parallel Session I (Urban Mobility & Internet of Things): Virtual closed auditorium 2 (6 presenters) <ol style="list-style-type: none"> 1. The Role of UTAUT Factors in E-Money Acceptance Among Urban Millennial Generation

	<p>Edi Purwanto, Rachman Sjarief, Anil Dawan, Sarahnada Kurniawan, Nawangwulan Pertiwi, and Nicky Zahra</p> <ol style="list-style-type: none"> 2. Investigation of Intentions and Resistance to Use Digital Fishery Platforms in Metropolitan Cities Edi Purwanto, Rachman Sjarief, Chaerul Anwar 3. Urban Mobility and Actualisation of Internet of a Thing in the Development of Transport System in Nigeria Musa Adamu Eya, Gobi Krishna Sinniah, Muhammad Zaly Shah, Nasiru Umaru 4. The Relationship Between Problematic Internet Use, Emotion Regulation and College Adjustment in Undergraduate Students of Private Universities in Jakarta Bogor Depok Tangerang and Bekasi Joshua Wianto and Clara R.P. Ajisuksmo 5. Development of the Road Light Profiling Based on Road Lighting Performances for New Car Assessment Program for Southeast Asian Countries (ASEAN NCAP) Protocol Joewono Prasetijo 6. Digital Learning Readiness Among Girls in Urban Setting Agustina Hendriati, Heru Prasadja, Clara Ajisuksmo <p>Parallel Session I (Social, Health, Education, Environment, and Economic Development): Virtual closed auditorium 3 (5 presenters)</p> <ol style="list-style-type: none"> 1. Price Estimation of Used Car Using Machine Learning Aviana Zhafira Rustandiputri, Nur Uddin, and Mohammad Nasucha 2. Durability of Rice Husk Ash Concrete in Sea Water with Hot Steam Curing Methods Aan Fadhillah Rumi, Pratika Riris Putriantl, Agustinus Agus Setiawan 3. Urban Society's Tax Compliance: How Tax Technology Helps Their Reporting Issues Agustine Dwianika, Edi Purwanto, Sila Ninin Wisnantiasri, Fachrul Roza, Affrian Dwi Prasetyo, Jasmine Rafinka Dara 4. Challenges in Reducing Microplastic Waste in Indonesia Amita I. Sitomurni, R. Nida Sopiah, Reba A. Pratama, Muhammad Abdul Kholiq 5. Determinant Factors of the Intention to Invest in the Capital Market among Young Urban People Agnes Debora Bernice Purwanto, Lilis Susilawaty, Edi Purwanto
<p>17:30 – 18:30</p>	<p>Networking session 2: Collaboration among researchers. Hosted by: (1) Center for Societal Development Studies (Pusat Kajian Pembangunan Masyarakat), Atma Jaya Catholic University of Indonesia.</p> <p>The Center for Societal Development Studies (CSDS) was established in 1972 (previously known as Atma Jaya Research Centre or ARC) and is one of the most dynamic and qualified research centers under the Institute for Research and Community Service, Atma Jaya Catholic University of Indonesia. CSDS's vision is to be the center of excellence in social issues that contributes to sustainable community development, humanity problem solving, as well as development of knowledge and appropriate technology. This is also pertinent for its mission, i.e. to assist the Government of Indonesia through action-oriented research and trainings, especially designed to learn and develop an accurate understanding of the life of marginal people in urban settings. CSDS researchers are familiar with multidisciplinary and participatory approach, and the application of both quantitative and qualitative research. CSDS is an ardent believer of strong partnership with other institutions. Our partners and clients include the Ministry of Education and Culture; Ministry of Women Empowerment and Child Protection; Ministry of Health; USAID; AusAID; UNICEF; Foreign Affairs, Trade and Development, Canada; ILO; Global Alliance for Workers; Save the Children; World Vision; and Plan International. We work hand-in-hand in the areas of peace education, poverty, child protection, young workers, women and gender issues, reproductive health and HIV/AIDS prevention. We have been involved in conducting household surveys, school surveys, baseline studies, rapid assessments, program evaluation, industrial relations and social dialogue, and scenario planning and mapping.</p>

	(2)Environmental Technology Research Centre, National Research and Innovation Agency (BRIN). Activities in the Centre cover Management of Solid Wastes and Wastewater, Technology to provide clean and ready to drink water, Monitoring of Water Quality, Improvement of Environmental Quality, RECP and Green Chemistry, Chemical Analysis.
17:30 – 19:00	Poster session I: virtual exhibition hall (20 posters, please refer to on the list on Day 1 Poster Session 1)

JANUARY 19, 2022	
Time	Program
15:00 – 15:45	Keynote 3 (K3): plenary session (including Q&A) Dr. Matthias Bernt (Leibniz Institute for Research on Society and Space) The Limits of Shrinkage: Conceptual Pitfalls and Alternatives in the Discussion of Urban Population Loss
16:00 – 17:30	Parallel Session II (Social, Health, Education, Environment, and Economic Development): Virtual closed auditorium 1 (6 presenters) <ul style="list-style-type: none"> 1. Predicting Urban Consumer Demand by Using Apriori Algorithm from Smartphone Sales Transactions Johannes Hamonangan Siregar, Yuni Septiana 2. Indonesia's Biogas Technology Status Update for Biomass Utilization and Its Potential Application to Support the Development of Energy Self Sufficient Villages lin Parlina, Muhammad Abdul Kholiq 3. Study of CO₂ Aborting Plants at Signalized Intersection (Case Study of Intersection JL Saddang New-JL.Veteran Makassar City) Mahmud, Agus Widodo, Subagyo, Lambang Basri, Dwija Wisnu Brata 4. Development of an Inclusive Commercial Strip for Women through Defensible Space Christal Yohanes, Felia Srinaga 5. The Role of Smart Transport in Managing Transportation Systems in Third World Countries. The Case of Kigali City - Rwanda David Mihigo, Lukenangula John 6. The Concept of Compensation for Expropriated Real Properties and Livelihood Restoration of the Affected Persons: A Case Study Analysis of Batsinda Resettlement in Kigali, Rwanda Diane Uwera, David Mihigo
	Parallel Session II (Social, Health, Education, Environment, and Economic Development): Virtual closed auditorium 2 (6 presenters) <ul style="list-style-type: none"> 1. Changes in Urbanization and Urban Heat Island Effect in Dhaka City A S M Shanawaz Uddin, Najeebullah Khan, Shamsuddin Shahid 2. Female Politicians in Social Media (Qualitative Contents Analysis of Female Members of LRegional House of Representative's Instagram Account) Suci Marini Novianty 3. Correlation between Trust and Conflict Resolution Style

	<p>Chelsya Karuna Handaya, Theresia Indira Shanti, Sri Juwita Kusumawardhani</p> <p>4. Does Beauty Influencer Play a More Important Role than Product Quality on Purchase Decision for Urban Customers? Yohanes Totok Suyoto, Hastuti Naibaho, Endang Pitaloka, and Nova Arlyana Karris .</p> <p>5. Utilization of Solid Waste Transfer Stations in Managing Solid Waste in Rapidly Transforming Neighborhoods: The Case of Sinza Ward in Dar es Salaam City, Tanzania. David Mihigo, Regina John</p> <p>6. Development of Islamic Religious Education Learning (PAI) in Schools to Counter Intolerance and Radicalism Koko Adya Winata, Uus Ruswandi, Adang Hambali, Erni Haryanti</p>						
	<p>Parallel Session II (Social, Health, Education, Environment, and Economic Development): Virtual closed auditorium 3 (5 presenters)</p> <p>1. Applying Machine Learning in Predicting the Risk of Diabetes Dzaky Athallah Luqman and Nur Uddin</p> <p>2. Optimism, Perceived Social Support, and Subjectives Well-being of the Community in Densely Slums Populated on the North Coast of Jakarta Kusendi, R., Irwanto, Riyanti, B. P. D, Yogyanti, C. R., & Herabadi, A. G.</p> <p>3. Introducing Natural Pigments to Urban Society: Social Engineering to Reduce Stunting in Indonesia Renny Indrawati, Reni Dyanasari, Naurissa Biasini, Leenawaty Limantara</p> <p>4. A Development of Machine Learning for Predicting Study Period of Undergraduate Students Herlina Risma Utami Putri, Safitri Jaya, Nur Uddin</p> <p>5. Personal Growth Initiative Among Perpetrators of Sexual Violence Theresia Indira Shanti, Reneta Kristiani, Evelyn Tandias, Theresa Wynne, Benedictus Wishnu Samudera</p>						
17:30-18:30	<p>Networking session 2: Collaboration among researchers. Hosted by: The Center of Family Resilience and Development Pusat Ketangguhan dan Pembangunan Keluarga (The Center of Family Resilience and Development) was founded on June 1st, 2018, and has five divisions: 1) Minority Community; 2) Disaster; 3) Trauma and Conflict; 4) Organization Development; 5) Capacity Building. These divisions covered the research topics. Examples of research topics: behavior change during and post-pandemic, rehabilitation application and enablement, Rapid assessment influence of Covid among mothers and children, intergenerational transmission of memories, mobile art for peace, parenting skills learning delivery.</p>						
17:45 – 19:00	<p>Poster session II: virtual exhibition hall (20 posters, please refer to the Program Book for the complete list of posters' authors) The posters in this list will stay for Day 3 and Day 4 (January 19-20, 2021)</p> <table border="1" data-bbox="400 1756 1414 2000"> <thead> <tr> <th>No</th> <th>Author</th> <th>Title</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Alimah Sekarningrum</td> <td>Development of Maturity Levels of Organizational Process Assets Cost Management for Project Success in Geothermal Exploration Development Companies in Indonesia</td> </tr> </tbody> </table>	No	Author	Title	1	Alimah Sekarningrum	Development of Maturity Levels of Organizational Process Assets Cost Management for Project Success in Geothermal Exploration Development Companies in Indonesia
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2	Amalia Indrati	Community Based Health Service in Pandemic Era: Partnership Practice of Banjarnegara Islamic Hospital in Central Java
3	Bernadetta Kwintiana	Urbanization and NCDs Geomap in the South-East Asia
4	Elisabeth Rukmini	The “21st Century Digital Skills” to Measure Graduate Students’ Higher Order Thinking Skills: Its Adaptation into the Indonesian Language
5	Faradila Chika Arienta	Temperature Measuring Pole for Urban Facilities After New Normal Covid-19
6	Glory Clementine	Open Defecation Practice and Access to Latrine Assessment in a Community-led Total Sanitation Program Evaluation in Rajeg Distric, Banten, Indonesia
7	Grecebio Alejandro	Ethnobotanical Documentation of Medicinal Plants used by the Indigenous Ati Tribes in Panay Island, Philippines
8	Hastuti Naibaho	A Study of Students’ Dysfunctional Behavior in an Urban Campus
9	Kumpon Subsomboon	An Application of Building Information Modeling for Work Processes of Small Contractors in the Case Study of Housing Estate Project
10	Kyaw Naing	Phosphorous Recovery from Wastewater Using Struvite Precipitation and Reuse in Plant Growth
11	Masum Ahmad	Melting Pot at Fast Growing Urbanization in Bangladesh
12	Mochamad Asih	Waterfront City
13	Rachman Sjarief	The Role of IRT Factors in E-Money Acceptance among Urban Generation X
14	Safitri Jaya	Building A Village With Clean Water And Sanitation As An Effort To Realize Sustainable Development In Leuwibatu Village
15	Sasima Charoenkit	Creative Urban District: A Comparative Study of Community Participation Approaches in Three Cities of Thailand
16	Sitti Rahmawati	Analysis of Socio-economic Case Study on Early Marriage in Ulujadi District, Palu City Central Sulawesi
17	Sri Wijayanti	Readability of the “Corona Education Series” Comic by Kemenpppa RI (Level of Readability of Covid-19 Educational Materials by Children Using Cloze Procedure)
18	Sri Wijayanti	The Use of WhatsApp Group as a Communication Medium for Covid-19 Risks Among Mothers (Case Study of WhatsApp

		Group STI's Moms During the Pandemic Period)
19	Warit Chookate	An Application of Building Information Modeling for Work Processes of Small Contractors in the Case Study of Housing Estate Project
20	Zhia Unnahr	Using Artificial Neural Networks to Predict Concrete Compressive Strength Using With Back Propagation Algorithm

JANUARY 20, 2022	
Time	Program
15:00 – 15:45	Keynote 4 (K4): plenary session (including Q&A) Prof. Dr.rer.nat. Wolfgang Bock (Technische Universität Kaiserslautern) (Urbanization and Spreading of Diseases)
16:00 – 17:30	<p>Parallel Session III (Social, Health, Education, Environment, and Economic Development): Virtual closed auditorium 1 (6 presenters)</p> <ol style="list-style-type: none"> Predicting Rice Prices in Jakarta Using Machine Learning Axl Rose Kika Annisa , Lathifah Alfat , Nur Uddin Web-Based Integrated Applications Design for Urban Tourism Needs Using a Prototyping Method Johannes Hamonangan Siregar, Rufman Imam Akbar Effendi, Marshall Theofilus Language Policy, Multilingualism and Sustainable Development in ASEAN Azirah Hashim Virtual Observation of the Mahogany Trees to Promote its Conservation as the Landscape Heritage of the Colonization Period in Metro City, Lampung Fritz Akhmad Nuzir Preliminary Study on the Malaysian Unity in Relation to Comic Elements Mohamad Quzami An-Nuur bin Ahmad Radzi, Nur Hisham Ibrahim, Muhammad Abdul Aziz bin Gani, Nur Liana Kamal Improving Construction Scheduling of Two-Story Housing Project by Using BIM and Repetitive Scheduling Method Kumpon Subsomboon <p>Parallel Session III (Social, Health, Education, Environment, and Economic Development): Virtual closed auditorium 2 (6 presenters)</p> <ol style="list-style-type: none"> After Agglomeration: Changing Trends of Urban Economic Growth in Industrial Revolution 4.0? Chairul Maulidi Tales of Cities: Envisioning Urbanism through Contemporary Indonesian Short Stories Clara Evi C. Citraningtyas Reconstructing the Spatial Design and Functional Factor of a 'Modern' Community Centre in Malaysia Nangkula Utaberta

	<p>4. Applying Digital Twins to Cancer Care: an exploratory study Nilmini Wickramasinghe, J. Zelcer, and S. Vaughan</p> <p>5. Relationship of Pulmonary TB, Nutritional Status and Quality of Life with TB-DM Comorbidity Novie Elvinawaty Mauliku, Ika Kusumasari, Dyan Kunthi Nugrahaeni</p> <p>6. Wayfinding Signage Criteria and Ineffectiveness Factors towards Navigating in Airport Nur Liana Kamal, Nurhisham Ibrahim, Muhammad Abdul Aziz bin Ab Gani, Mohamad Quzami An-Nuur bin Ahmad Radzi</p>
	<p>Parallel Session III (Social, Health, Education, Environment, and Economic Development): Virtual closed auditorium 3 (5 presenters)</p> <p>1. Building Social Cohesion as a Preventive Measure for Potential Conflicts between Gated Community and <i>Kampung</i> Settlers Edi Purwanto, Rachman Sjarief, Issa Tafriidj, Mochammad Veldian Ardana, Azel Syahreza Pasha, Salina Widiya Putri Agusta</p> <p>2. Smart Biomaterials: How Smart Can We Go? Bidhari Pidhatika</p> <p>3. Improving the Psychospiritual of Nurses in Private Hospitals in Makassar City by Measuring the Assessment of Spirituality and Religious Sentiments Blasius Perang</p> <p>4. The Professional City: Bintaro Jaya, Tangerang Selatan Surya Gunanta Tarigan</p> <p>5. Key Factors Influencing the Performance Improvement of Solid Waste Management in Banyumas District Muhammad Abdul Kholiq, Sri Wahyono, Regina Dea Tilottama, Priska Alfatri Hendrayanto, Khalda Afifah Haris</p>
17:30 – 18:00	Poster session II: virtual exhibition hall (20 posters, please refer to on the list on Day 3 Poster Session 2)
18:00 – 18:30	<p>Closing Melting Pot: knitting stories and the 70th years Germany-Indonesia Bilateral</p> <p>Announcement: best posters/best oral presentation Performance: from UPJ Network Closing statement: Closing statement: Ministry of Education, Culture, Research & Technology, "MBKM policy and the next collaboration between Germany and Indonesia's higher education institutions." Doorprize</p>

JANUARY 17 – 20, 2022	
Time	Program
15:00 – 18:30	Virtual booth: Sponsors