

ORAL PRESENTER CODE LIST

No	Code	Presenter	Title
1	A01	Eddy susanto	Effect of acid mine drainage on the environment and society
2	A02	Fika Rofiek Mufakhir	Electrocoagulation In Wastewater from Spent-Batteries Recycling
3	A04	Efadeswarni	Rice Husk Charcoal as Biocarrier for Mercury Degrading Bacteria
4	A05	Muhammad Rizki Firdaus Fasya	Screening Potential Plant in The Mining Gold Area for Phytoremediation Approach
5	A06	Indra Sakti Pangestu	Composite Synthesis Based on Starch and Lignoseulose Material from Rice Straw Using Cold Plasma Technology
6	A08	Hans Kristianto	Removal of Congo red and Tartrazine binary mixtures using <i>Leucaena leucocephala</i> seed's extract as natural coagulant
7	A09	Ardie Septian	Removal of Methyl Orange Dye from Batik Wastewater Using Activated Carbon and Fe (II) Activated Persulfate: Coupled Sorption–Oxidation Kinetic Model
8	A10	Basri	Traditional Ecological Knowledge of the Moronene Tribe: Insights into Forest Conservation Practices in Bombana Area, Southeast Sulawesi
9	A11	Nguyễn Minh Thuận	Enhancement of Gaseous Toluene Removal by Photocatalysis Using Hydrothermal Synthesis Carbon Nanodots/TiO ₂ Combined with Zeolite ZSM-5
10	A13	Yosef Richo Adrianto	The Functional Sustainability Design Management of Green Open Spatial Space Surabaya-Indonesia Tropical City Park To Prevent Vandalism by Using Simulation Concept of 3D Modelling Technology and IoT Real Time Camera.
11	A14	Gusmailina	Socialization integrated charcoal technology and its benefits in Indonesia
12	A15	Aisyah	Radionuclide Characterization and Handling Strategy of Irradiated Fission Product Material (FPM) Capsule Waste from Molybdenum-99 Production
13	A16	Athaya Zahrani Irmansyah	Identification Of Heavy Metal Concentrations In Water Body Near Landfill Area
14	A18	Taufikurahman	Enhancing Phycoremediation of Tofu Wastewater using Mixed Microalgae with Salicylic Acid Elicitors
15	A19	Euthalia Hanggari Sittadewi	Post-Landslide Land Restoration and Sustainable Development in Nyomplong Village, Bogor, West Java, Indonesia
16	A20	Anita Oktari	Effect of Variation of Growth Media on The Content of Carbohydrate, Protein and Fat Magot Black Soldier Fly (<i>Hermetia illucens</i>)
17	A21	Sindy Allaam C	S-BESE: strategy to improve the quality of life in the coastal areas
18	A22	Gunawan	Synthesis of ferrate by electrolysis of iron at extreme pH for remediation of aquatic environments from dye and antibiotic wastes
19	A23	Ratna Stia Dewi	Fungi as Bioremediation and sustainable Energy Production Agents: Mercury Reduction using Isolates of Indigenous Fungi from Gold Mining in Kedungbanteng, Banyumas
20	A26	Izzatun Nisa	The Effectiveness of Combination of Arbuscular Mycorrhizal Fungi and Compost Amelioran on Sengon Growth in Former Coal Mine Soil
21	A30	Liyana Labiba Zulfa	A Double Linker ZIF-8-derived ZnO for Enhance Photocatalytic Performance of Methylene Blue
22	A31	Alvin Romadhoni Putra Hidayat	Modification of Ni doped bimetallic UiO-66 with Fe ₃ O ₄ @SiO ₂ for adsorption congo red
23	A32	Karelius	Facile Room Temperature Synthesis of MIL-100(Fe) from Magnetic Waste of Zircon Mining and Its Application for Methylene Blue Removal
24	A33	Abdussalam Ahmad	Determinant Factor of Environmental Quality Based on Carbon Footprint Levels in Asia Using Regression Model and Jacobian Optimization Method
25	A34	Miftahul Jannah	Solvothermal Synthesis of Zr-based MOFs with Mixed Linker as Adsorbent for Methyl Orange in Water
26	A35	Ummu Kulsum	Facile Synthesis of Mesoporous Iron(III) Oxide Supported Zinc Oxide Quantum Dots (ZnO/Fe ₂ O ₃ QDs) Based on MIL-100(Fe) for Efficient Degradation of

			Anionic Dyes
27	A36	Desindy Ramadhani Putri	Synergistic Adsorption-Photocatalytic Degradation of Methylene Blue by Fe ₃ O ₄ /HKUST-1 Composite Modified with Graphene Oxide
28	B02	Nidya Chitraningrum	Efficient Removal of Copper (II) Ions from Aqueous Solution Using KOH-Activated Carbon-based Oil Palm Empty Fruit Bunch Materials
29	B03	Yuliana Sari	Increased Growth of Ferronickel Grains with the Selective Reduction Method Using a Biomass as Reductant
30	B04	Muh. Nur Khoirul Wihadi	Competitive Adsorption of Gold Ion in the Presence of Fe(III) Species on Mg/Al Layered Double Hydroxides
31	B05	Istihanah Nurul Eskani	In Situ Synthesis of Zinc Oxide Nanoparticles from Electric Arc Furnace Dust Waste for Functionalization of Fabric: Optimization with Response Surface Methodology
32	B06	Ernowo	Energy Transition and Energy Metals Resources in Indonesia
33	B07	Ali Rahmat	Characteristics of Samanea saman seeds Biochar at Different Pyrolysis Temperatures
34	B09	Aulia Pertiwi Tri Yuda	Effect Of pH Neutral On The Separation Of Nickel And Cobalt From Laterite Leaching Solution Using Cyanex 272
35	B10	Lita Darmayanti	The Potential of Palm Frond-Based Magnetic Biochar for Peat Water Treatment
36	B11	Akhmad Rasyid Syahputra	Thermal Properties and FTIR Spectroscopy: More Degradable Plastic of Chitosan-Glycerol Utilizes Gamma Irradiation
37	B12	Dina Asmaul Chusniyah	Evaluating the Physical Properties of Charcoal Briquettes Mixture from Coconut Dregs, Tea Dregs, and Tapioca Flour
38	B13	Fransiska Sri Herwahyu Krismastuti	Plant-based Zinc oxide nanostructure and its antibacterial application
39	B15	Susi Sulistia	Synthesis and Characterization of Coconut Coir Biochar as Potential Adsorbent for Removal of Pharmaceutical and Personal Care Products in Waste Water
40	B16	Aniek Sri Handayani, Noverra	Modified Nanocomposites Poly(vinyl alcohol)/Carboxymethyl Cellulose/Cellulose Nano fibrillated as Coatings for Food Packaging Paper Film
41	B17	James Herbert	Synthesis of Silica Nanoparticles Derived from Oil Palm Boiler Ashes Using sol-gel method.
42	B18	Abdul Halim	Bacterial Nanocellulose for Sustainable Self-Cooling Application
43	B19	Juliana Anggono	Biocomposites reinforced with wood flour and eggshell powder: Production and properties
44	B20	Nathania Puspitasari	Accelerated Biodegradation of Waste Polyethylene Terephthalate (PET) Fiber by Recombinant Hydrophobin HGFI Fused with Ideonella sakaiensis PETase
45	B21	Hafidawati	Study of Improving the Quality of Charcoal Briquettes Mixed to Sago Waste and Bark as an Alternative Energy Source
46	B22	Christian Julius Wijaya	Optimum and green fabrication of MIL-100(Fe) for crystal violet dye removal from aqueous solution
47	B23	Ivan Gunawan	Building Resilience of the Green Supply Chain in Apparel Industries
48	B25	Faisal Amri Tanjung	Improving hydrophobicity and oil barrier performance of paper by coating with PVA/nanocellulose- based suspension
49	B26	Chintya Gunarto	Pseudoternary phase diagram and antimicrobial activity of microemulsion-based castor oil and citronella oil
50	B28	Adam Jaya	Maximizing vanillin loading into paper substrate and its effect on the paper mechanical properties
51	B30	R. Nida Sopiah	Synthesis and Characterization of Amorphous Silica Nanoparticles from Municipal Solid Waste Incineration (MSWI) Fly Ash Bantargebang Bekasi
52	B31	Nuhaa Faaizatunnisa	In situ green synthesis of composite MOF magnetic structured (Fe@Si/MIL-100(Fe) to improve adsorption dyes
53	B32	Reina Dya	Salutation of Curcuma Extract Using Maltodextrin for Health Supplements

		Tsabita	
54	C01	Nudia Tujannah	Properties of Hydrogel for Absorbent Textile Dye Waste Based Cellulose-Carboxymethyl Sagoo Starch
55	C02	Ekaputra Agung Priantoro	PLTBg Investment Analysis from Agricultural Organic Waste to produce Electrical Energy: Preliminary Potential Analysis Study and Investment in the Caringin Main Market, Bandung
56	C04	Arini Wresta	Start-up Characteristic of Three Stages Anaerobic Reactor Treating Tofu Whey for Biogas Production
57	C05	Muhammad Faris Rifandi	Utilization of Traditional Market Solid Waste and Laundry Wastewater Into Hydrochar Using Hydrothermal Carbonization
58	C07	Taufik Taufikurahman	Enhancing Aquaponic Cultivation in Indonesia: A Comparative Study of Bioball Biofilters with Different Additives
59	C09	Widya Aryani M	Investigating the Potential of Deep Eutectic Solvents for Metal Recovery from Spent Lithium-Ion Batteries
60	C10	Halimatus Sa'diyah	Decolorization of Batik Pekalongan Wastewater Using <i>Aspergillus</i> sp. Immobilized Luffa at Different Incubation Time and Inoculum Types
61	C11	Isnaini Nurisusilawati	Modifying Norm Activation Model (NAM) to See The Effect of Technology on Food Waste Management Behavior
62	C12	Teta Fathya Widawati	Effect of Particle Size, Temperature, and Activated Carbon to Feedstock Ratio on Products Yield in Microwave-Assisted Pyrolysis of <i>Sargassum</i> sp.
63	C13	Sulista	From waste to an added-value commodity: challenges in valorization opportunity of tin-residual sand for silica-based industry
64	C14	Vienna Saraswaty	Adsorption of Pb(II) ion using Biosorbent derived Pineapple Peel Waste
65	C15	Maria Yuliana	Potential Conversion of Coconut Husk-waste to Magnetic Cellulose Designed for Synthetic Dye Removal
66	C16	Muhammad Haqqiyuddin Robbani	Preliminary findings on the potential of converting municipal solid waste into refuse-derived fuel as an alternative renewable energy source from the Jakarta waste case study
67	D02	Yesi Hendriani Supartoyo	Indonesia's Green Economy Index: An Overview
68	D03	Kisman Karinda	Climate change policy adaptation based on global study evolution: An important contribution to Indonesia
69	D04	Dwi Sarah	Development of A Subsurface Monitoring System for Land Subsidence Hazard in the Bandung Basin: A Laboratory Prototype
70	D06	Basri	Occupational Disease Risk Assessment: Arsenic Exposure in Artisanal and Small-Scale Gold Mining Sites, Bombana Area, Southeast Sulawesi, Indonesia
71	D07	Fajar yudi prabawa	Mapping the vicious-cycles of community gold mining (CGM): case study of the CGM sites at Sukabumi Regency, Indonesia
72	D09	Jalu Tejo Nugroho	Comparison of the Naïve Bayes and the Nearest Neighbor Method to Detect Vegetation in Some of the New Capital of Indonesia (IKN)
73	D11	Rifka Noor Azizah	Investigation of microbiological quality of Indoor Air in an university campus due to students returning after COVID-19 Restriction
74	D13	Tiny Agustini Koesmawati	Arsenic contamination in rice consumption in Bandung City-West Java
75	D14	Satmoko Yudo	Determining the Water Quality Status of the Serayu River from Continuous Online Monitoring measurements.
76	D17	Ikhsan Budi Wahyono	A Comparative Study on Bioaccumulation and Depuration Kinetics of Zinc by Fish and Crustacean Exposed to Multiple Concentrations using Radioisotope Tracer
77	D19	Rizky Pratama Adhi	Estimating CO2 Emission from Fly Ash and Bottom Ash Collection and Transport from Thermal Waste Processing in Jakarta
78	D20	Nurul Mawaddah	Study of Waste Generation and Composition on Pasaran Island, Lampung, Indonesia

79	D22	Mariska Margaret Pitoi	Preliminary study of triclosan analysis in water: GC/ECD optimization
80	D23	Agung Riyadi	Sediment Transport Model for Sustainable Dredging of the Barito River in Indonesia
81	D25	Yunita Indriyani	Techno-Economic Feasibility Analysis of Solar Power Plant at Putri Cempo Landfill in Surakarta City
82	D26	Sri Sarjana	Environmental Monitoring of the Transportation Sector in Meta-Analytic Study
83	D28	Reba Anindyajati Pratama	Building a Resilient North Jakarta: Integrating Social Preferences for Effective Adaptation and Mitigation Strategy in the Climate Change Era
84	E01	Basri	Climate Crisis: Investigating the Consequences of Climate Change on Clean Water Shortages in Rural Areas of Makassar City
85	E02	Septian Azamudin Ahsan	Ammonium Removal From Contaminated Water Using Zeolite
86	E03	Rizka Maria	Potential Toxic Element and Source Identification of Heavy Metals in the Hyporheic Zone in Cirasea Sub Watershed, West Java, Indonesia
87	E04	Detizca Millenna Nugraha	Evaluation of Land Use and Geology Effect on Groundwater Quality Characteristics in Bandung Metropolitan Using a Hydrochemical and Statistical Approach
88	E06	Akira Sai	Mental Health Challenges Faced by Urban Slum Sanitation Workers in Indonesia
89	E07	Nicco Plamonia	Penstock Pipe's Hydraulic Design for the Mini Hydropower Plant at Besai Kemu, Bukit Kemuning, Lampung, Indonesia
90	E08	Taty heraningsih	Anaerobic And Aerobic Biofilter Using Honeycomb Plastic Tube Media for Domestic Wastewater Treatment
91	E09	Mahmud Aditya Rifqi	Hand hygiene and child diarrhea in urban slum Indonesia during the COVID-19 Pandemic
92	E10	Niken Hayudanti Anggarini	Modified Cellulose Adsorbent (AA-g-Cell/Bent.) for Uranium (VI) Removal: Synthesis And Application
93	E11	Anna E Persulesy	Organic Matter Pollutant Removal Using Continuous Baffle Flow Electrochemical Reactor Equipped with AlO-AlO Electrodes Configuration
94	E12	Nico Halomoan	Risks Of Sanitation and Water Supply In Pontianak City Slum Settlements
95	E13	Ken Ushijima	"Does the community-based water supply system have cost merit? Case in Hokkaido, Japan"
96	E14	Erni Johan	Simple Sterilization of Rural Household Water by LDH (Layered Double Hydroxide)-embedded Sheet
97	E15	Wahyu Widiyono	Development of low-energy irrigation technology hydraulic and capillary for horticulture cultivation
98	E16	Maghfira Citra Ayundafarisa	The Influence of Wastewater Concentration and Membrane Recovery Rate on the Performance of Nanofiltration Membrane in the Reduction of Ammonia and Total Dissolved Solids
99	E17	Andi Tilka Muftiah Ridjal	Public Health and Water Scarcity: The Spatial Distribution of Quarter-Disease Patterns and Access to Clean and Drinking Water in The Water-Scarce Region of Makassar, Indonesia
100	E18	Nur Sri Wahyuni	Abundance of Microplastics in Cisadane Watershed
101	E19	Teguh Prayogo	Status of Water Quality and Fertility of The Waters of Nasi Breuh Strait Aceh Besar District
102	E21	Arina Yuthi Apriyana	Quantifying antibiotic resistance in the River Almond Catchment Area: a preliminary study at Blackburn Wastewater Treatment Plant