

Indonesian Water, Sanitation and Hygiene Symposium 2023

Symposium Program

20-21 March 2023



JEJARING AMPL
Air Minum dan Penyehatan Lingkungan



Notes:

1. Interpretation (English to Indonesia and vice-versa) will only be available during Keynotes and its Q&A
2. **IND** indicates that the session will contain presentation(s) in Bahasa Indonesia (no interpretation will be provided)
3. B.O.R = Break our room in zoom

Total presentation: **64** presenters

1. Cluster 1: Regulation, policies and institution → **12** presenters
2. Cluster 2: Water utility management → **5** presenters
3. Cluster 3: WASH sciences and technology → **16** presenters
4. Cluster 4: Social, behavior and economic aspects of WASH → **31** presenters

Day 1: Monday, 20 March 2023

Time	Session		
09.00 – 09.25 (25 min)	<p>Opening</p> <p>Agenda:</p> <p>Opening, general elaboration of agenda & sessions: MC from Jejaring AMPL → 4 min</p> <p>Opening Remarks, welcoming speech, introduction to IsWASH: Mohamad Mova Al'Afghani, SH, LL.M.Eur, PhD. (UIKA, CRPG) → 10 min</p> <p>Welcome Addresses: Prof. Ignas Sutapa (BRIN) and Dr. Oswar Mungkasa (Jejaring AMPL) → @5 min; total 10 min</p> <p>Bridge to the keynote 1: MC from Jejaring AMPL → 1 min</p>		
09.25 – 10.00 (35 min)	<p>Keynote 1</p> <p>Speaker: Tri Dewi Virgiyanti, ST. MEM (Indonesian Ministry of National Development Planning / Bappenas)</p> <p>Theme: Integration of climate issues into WASH planning in Indonesia</p> <p>Moderator: Mohamad Mova Al'Afghani, SH, LL.M.Eur, PhD. (UIKA, CRPG)</p> <p>Assistant: Hana Yesica</p> <p>Agenda:</p> <p>Introduce the speaker → 1 min</p> <p>Presentation → 20 min</p> <p>Q&A → 12 min</p> <p>Conclusion (moderator) → 1 min</p> <p>Bridge to the BOR: MC from Jejaring AMPL → 1 min</p>		
10.00 – 11.30 (90 min)	<p>B.O.R 1A</p> <p>Cluster 4</p> <p>Convener: Dyah Wulandari Putri (ITB)</p>	<p>B.O.R 1B</p> <p>Cluster 3</p> <p>Convener: Iftita Rahmatika (UI)</p>	<p>B.O.R 1C</p> <p>Cluster 1</p> <p>Convener: Anindrya Nastiti (ITB)</p>

	<p>Assistant: Hana Yesica</p> <p>Agenda: <i>Please see the presenter's guidance - session flow below</i></p> <p>Presenter:</p> <ul style="list-style-type: none"> • Progress in Drinking Water Wells among Households in Indonesia: Impact of Population Density (Mardiana Dwi Puspitasari – BRIN) • Understanding household self-supply use and management in urban Indonesia (Franziska Genter – University of Technology Sydney) • Business and Behavioral Aspects of Drinking Water: A Systematic Literature Review and Research Agenda (Dwinto Martri Aji Buana – NTUST) • Social Vulnerability Assessment To Clean Water Management, Study Case: Clean Water Crisis In Baleendah And Dayeuhkolot districts, Bandung Regency (Fitrah Ramadhan - Edukasi Bumi Indonesia) 	<p>Assistant: Ajeng Rahastrri</p> <p>Agenda: <i>Please see the presenter's guidance - session flow below</i></p> <p>Presenter:</p> <ul style="list-style-type: none"> • The presence of mixed SMX and TMP in the water and sediments of a shrimp aquaculture area in Yunlin, Taiwan (Fefi Eka Wardiani – Ching Yuan Christian University, Taiwan) • Marine Porous Biosilica as Prospective Renewable Biomaterial for Microbial Removal Grade Filter in Drinking Water Processing Elva Setiawan – Univ. Pertahanan RI) • The Investigation Of Pollutant Removal By Mineral Wool To The Water River Quality Status Of Cikapayang River, Indonesia (Wisnu Prayogo – Univ. Negeri Medan) • Segmented And Scalable Online Monitoring Approach to Reduce The Risk Of Greywater Pollution In 	<p>Assistant: Xenixia Pratita</p> <p>Agenda: <i>Please see the presenter's guidance - session flow below</i></p> <p>Presenter:</p> <ul style="list-style-type: none"> • Prediksi Pengembangan Sistem Pengelolaan Air Limbah Domestik (SPALD) Di Pulau Sumatera Tahun 2030 Dengan Pendekatan Spasial (Nasrul Putra – Institut Teknologi Sumatera) (IND) • Pro-poor Policy in Community-Based Drinking Water and Sanitation Program in Gunungkidul Regency (Marita Ahdiyana – UNY) • Policy Strategy Context of Human Right Discourse as a Tool to Accelerate Water and Sanitation Access in Indonesia (Noerdiyanti Novika – Yayasan Plan International Indonesia) • Strengthening Local Government Policies on the Protection of Groundwater Sources to Obtain
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	<ul style="list-style-type: none"> Effect of Introduction of Water Filters on Hydration of Primary School Students (Guido van Hofwegen - Nazava) 	<p>Indonesia (Muhammad Alfalah Fauzi – Endress+Hauser Indonesia) → Recording Presentation</p>	<p>Sustainable Water Supply for Regional Drinking Water Companies (Suwari Akhmaddhian – Univ. Kuningan)</p>
11.30 – 12.30 (60 min)	Break		
12.30 – 14.00 (90 min)	<p>B.O.R 2A Cluster 4 Convener: Ni Made Utami Dwipayanti (Univ. Udayana) Assistant: Xenixia Pratita Agenda: <i>Please see the presenter's guidance - session flow below</i> Presenter:</p> <ul style="list-style-type: none"> Building Community Resilient with Water Saving Program Preferences (I Wayan Koko Suryawan – Univ. Pertamina) Financial Modeling For Achieving Safely Managed On-Site Sanitation With Financial Flow Simulatorn (esSOSViewTM) (Case Study: Tabanan) 	<p>B.O.R 2B Cluster 2 Convener: Rositayanti Hadisoebroto (Univ. Trisakti, Jejaring AMPL) Assistant: Hana Yesica Agenda: <i>Please see the presenter's guidance - session flow below</i> Presenter:</p> <ul style="list-style-type: none"> Assessment of Raw Water Quality Status for Drinking Water in the PTFI Concentrating Division Area (Arif Susanto – PT Freeport Indonesia) (IND) Analisis Pengaruh Residual Klorin Terhadap Kualitas Mikrobiologi Pada Jaringan Distribusi Air Bersih 	<p>B.O.R 2C Cluster 3 Convener: Cindy R Priadi (UI) Assistant: Ajeng Rahastri Agenda: <i>Please see the presenter's guidance - session flow below</i> Presenter:</p> <ul style="list-style-type: none"> Characterization of Sewage Sludge as Briquettes Combined with Sawdust (Suci Wulandari – Univ. Andalas) Life Cycle Assessment Approach to Evaluation The Performance of Wastewater Treatment Plant for Reuse Water in Surakarta (Iva Yeniz S. – UNS) Kinetic study of domestic wastewater treatment by filtration using coconut

	<p>Regency, Bali) (Dameria Maranatha Gloriani – ITB)</p> <ul style="list-style-type: none"> • Water supply improvement and payment for environmental services for lower-income coastal communities in Tegal Regency (Ade Robbani Setiawan – BPKP) • Hygiene perception and behaviour after the easing of COVID-19's social restrictions in urban Jakarta (Fathurrachman Fachri Nurpasya – ITB) → Recording Presentation 	<p>(Wathri Fitrada - ST Teknologi Industri Padang) (IND)</p> <ul style="list-style-type: none"> • Fuzzy Delphi Method (Fdm) In Identifying Properties And Indicators Of Drinking Water Supply System Resilience To Flood: An Introduction And Overview (R Hari Yuliandra – Univ. Andalas) • Reflection on the community-based rural water supply and sanitation program (PAMSIMAS) in Indonesia (Daniel – UGM) • Potential Development of Drinking Water and Sanitation Systems and Technologies in Regions with Marginal Raw Water: Opportunities and Challenges (Ignasius Dwi Atmana Sutapa – BRIN) 	<p>(Cocos nucifera) fibers (Nur Novilina Arifianingsih – ITB)</p> <ul style="list-style-type: none"> • Environmental Health Risk Assessment In Settlement Area In Batang Arau River Watersheds, Padang West Sumatera Indonesia (Ansiha Nur – Univ. Andalas)
<p>14.00 – 15.30 (90 min)</p>	<p>B.O.R 3A Cluster 4 Convener: Vera Yulyani (Univ. Malahayati) Assistant: Xenixia Pratita</p>	<p>B.O.R 3B Cluster 3 Convener: Adhin Wulaningtyas (UGM) Assistant: Hana Yesica</p>	<p>B.O.R 3C Cluster 1 Convener: Prathiwi W Putri (University of Kassel) Assistant: Ajeng Rahastri</p>

	<p><i>Agenda: Please see the presenter's guidance - session flow below</i></p> <p>Presenter:</p> <ul style="list-style-type: none"> • WASH Access or Behavior? Which one contributes to children under 5 years old's nutritional status? A situational analysis for Children are Well Nourished Technical Program in 15 Districts in Indonesia (Mita Sirait – Wahana Visi Indonesia) (IND) • Kolaborasi Pengembangan dan Pelaksanaan Strategi Komunikasi Perubahan Perilaku untuk Percepatan Capaian Sanitasi Aman di Kota Bandar Lampung dan Metro, Provinsi Lampung (Putri Sortaria – SNV) (IND) • Personal and Environmental Factors in Menstrual Health Hygiene Practices Among Girls in Central and South Sulawesi (Muliani Ratnaningsih – Tulodo Indonesia) (IND) • WASH Access and RTI Symptoms Across Life Stage among Indonesian 	<p><i>Agenda: Please see the presenter's guidance - session flow below</i></p> <p>Presenter:</p> <ul style="list-style-type: none"> • Status Mutu Air Tanah di Kawasan Kumuh Kota Bima dengan Menggunakan Metode Indeks Pencemar sebagai Upaya Pemantauan Kualitas Air Baku untuk Kebutuhan Higiene dan Sanitasi (Rachma Sekar Utami – Institut Teknologi Sumatera) (IND) • Pembangunan Toilet Tahan Banjir Di Desa Pijot, Lombok Timur Untuk Mendukung Sanitasi Berketahanan Iklim (Carissa Eukairin Purnomo – UI) (IND) • Evaluasi Penerapan Sanitasi Di Tempat Wisata Danau Sipin Kota Jambi Assessment Of Sanitation Implementation In Lake Sipin Tourism Jambi City (Zuli Rodhiyah – Univ. Jambi) (IND) 	<p><i>Agenda: Please see the presenter's guidance - session flow below</i></p> <p>Presenter:</p> <ul style="list-style-type: none"> • Politics of Decentralisation of Water Governance Reform in West Java, Indonesia (Dewa Ayu Putu Eva Wishanti – University of Leeds) • The chronotope of city: Exploring the jurisdictional game of water privatization in Jakarta, Indonesia (Harison Citrawan – BRIN) • Is the “Privatization” Over? Towards a Just Regulatory Framework in Post-Concession Jakarta (Mohamad Mova AlAfghani –Univ Ibn Khaldun Bogor; Prathiwi Widyatmi Putri – Univ Kassel) • Mitigating aquifer crisis in indonesia's new capital, nusantara: problems and lessons learned from Singapore (Ardianto Budi Rahmawan – UGM)
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	Ever-Married Women (Riza Fatma Arifa – BRIN) (IND)	<ul style="list-style-type: none"> Greenhouse Gas Emission (GHG) from onsite domestic wastewater treatment in Surabaya City (Mar'atusholihah – ITS) 	
15.30 – 16.00 (30 min)	Synthesis and feedback Bridge to the synthesis session: MC from Jejaring AMPL → 2 min Recap of the first day: Dr. Anindrya Nastiti. ST. MT. (ITB) → 25 min Closing and reminder for tomorrow: MC from Jejaring AMPL → 3 min		

Day 2: Tuesday, 21 March 2023

Time	Session
09.00 – 09.15 (15 min)	Opening Agenda: Opening, general elaboration of agenda & sessions: MC from Jejaring AMPL → 4 min Recap from 1 st day: Dr. Daniel, M.Sc. (UGM) → 10 min Bridge to keynote 1: MC from Jejaring AMPL → 1 min
09.15 – 10.00 (45 min)	Keynote 2 Speaker: Prof. Juliet Willetts, University of Technology Sydney Theme: Importance of robust transdisciplinary research in WASH: Lessons learned from ISF-UTS in Indonesia and elsewhere Moderator: Dr. Daniel, M.Sc. (UGM) Assistant: Xenixia Pratita Agenda:

	<p>Introduce the speaker → 1 min</p> <p>Presentation → 25 min</p> <p>Q&A → 17 min</p> <p>Conclusion (moderator) → 1 min</p> <p>Bridge to the BOR: MC from Jejaring AMPL → 1 min</p>		
10.00 – 11.30 (90 min)	<p>B.O.R 4A</p> <p>Cluster 4</p> <p>Convener: Reza Hendrawan (Jejaring AMPL)</p> <p>Assistant: Hana Yesica</p> <p>Agenda: <i>Please see the presenter's guidance - session flow below</i></p> <p>Presenter:</p> <ul style="list-style-type: none"> Peranan Desain Produk dan Sign System pada Fasilitas Umum di Ruang Publik (Studi Kasus: Kran Air Siap Minum) (Dewi Isma Aryani – UKM) (IND) Eksplorasi Pola Konsumsi Air Domestik Rumah Tangga pada Masyarakat Kawasan Kumuh di Kota Bima, Indonesia (Nadia Syakhira – Institut Teknologi Sumatera) (IND) 	<p>B.O.R 4B</p> <p>Cluster 4</p> <p>Convener: Tities Puspita (BRIN)</p> <p>Assistant: Xenixia Pratita</p> <p>Agenda: <i>Please see the presenter's guidance - session flow below</i></p> <p>Presenter:</p> <ul style="list-style-type: none"> Drinking Water, Sanitation, Handwashing Facilities, Environmental Hygiene and Diarrhoea among Under-Five (U 5) in Indonesia (Adrian Chrisnahutama, Ni Made Sukartini – Univ. Airlangga) Assessing Child Feces Disposal Management Practices in Indonesia with Integrated Behavior Model 	<p>B.O.R 4C</p> <p>Cluster 3</p> <p>Convener: Nopa Dwi Maulidany (UI)</p> <p>Assistant: Ajeng Rahastri</p> <p>Agenda: <i>Please see the presenter's guidance - session flow below</i></p> <p>Presenter:</p> <ul style="list-style-type: none"> Management Information System (MIS): Accelerating Access to Safely Managed Sanitation in Pinrang, South Sulawesi (Hajrah – Unicef Indonesia) Vulnerability of on-site Sanitation Service Chain and Adaptation Response toward Climate Hazards in Four Areas in Indonesia (Inas Imtiyaz – UI)

	<ul style="list-style-type: none"> • Analysis of packaged drinking water use in Indonesia (Arman Nur Ikhsan – UGM) (IND) • Wadah Partisipatif untuk Penyediaan Layanan Air, Sanitasi, dan Kebersihan di Fasilitas Pelayanan Kesehatan yang Adil dan Setara (Annisa Pramesti Putri – SNV) (IND) • Improving Readability of Communication Materials in Creating Demand for Safely Managed Sanitation in Indonesia (Putri Sortaria – SNV) (IND) 	<p>WASH (Mita Sirait – Wahana Visi Indonesia)</p> <ul style="list-style-type: none"> • Safe Child Feces and Diaper Disposal Behavior Change Determinants in Rural Sekadau, West Kalimantan, and Urban Surabaya, East Java (Corie Indria Prasasti – Univ. Airlangga & Wahana Visi Indonesia) • Menstrual health management campaign targeting community members and adolescents in South Sulawesi (Heribertus Rinto Wibowo – Tuludo Indonesia) 	<ul style="list-style-type: none"> • Indonesian Water, Sanitation, and Hygiene Symposium (Nanda Savira Ersa – Univ. Malikussaleh) • Upgrading the wastewater sanitation system for urban area, johar baru district, central jakarta (Ignatius Anandhityo Dwiputra – Univ. Trisakti)
11.30 – 12.30 (60 min)	Break		
12.30 – 14.00 (90 min)	<p>B.O.R 5A Cluster 4 Convener: Oswar Mungkasa (Jejaring AMPL) Assistant: Ajeng Rahastri Agenda: <i>Please see the presenter's guidance - session flow below</i></p>	<p>B.O.R 5B Cluster 4 Convener: Wika Maulany Fatimah (Radboud University) Assistant: Hana Yesica Agenda: <i>Please see the presenter's guidance - session flow below</i></p>	<p>B.O.R 5C Cluster 1 Convener: Mohamad Mova Al Afghani (UIKA, CRPG) Assistant: Xenixia Pratita Agenda: <i>Please see the presenter's guidance - session flow below</i></p>

	<p>Presenter:</p> <ul style="list-style-type: none"> • The impact of COVID-19 on women's access to water, sanitation, and hygiene in an Indonesian fishing village (Wigke Capri – UGM) (IND) • Water, sanitation and hygiene (WASH) and Infection Prevention and Control in COVID-19 referral hospitals in Indonesia: Evidence from Indonesia (Zahra – BRIN) (IND) • Tata Kelola Sanitasi Lingkungan Pasar Rakyat Menuju Pasar Sehat Era New Normal di Kota Yogyakarta (Morrin Choirunnisa Thohira – UGM) (IND) • The Challenges of Inclusive WASH Development to Achieve Access to Sanitation and Safe Drinking Water in the Urban Slum Area of Padang City: As a Community Perspective 	<p>Presenter:</p> <ul style="list-style-type: none"> • Systematic Review of the Community Sanitation Program to Achieve SDG's Targets in Bogor City, Indonesia (Budi Susetyo – Univ. Ibn Khaldun Bogor) • Sustainability Status Analysis of Women's Participation in The Iuwash Plus Program In Malang Regency (Aptu Andy Kurniawan. Dinas PU Kab. Malang) • The Public Willingness to Participate in the Management of Domestic Wastewater in Banda Aceh (Aulia Rohendi - UIN Ar-Raniry Banda Aceh) • Socio-Ecological Barriers to Women Empowerment in Sanitation in Eastern Indonesia (Ni Made Utami Dwiipayanti – Univ Udayana) 	<p>Presenter:</p> <ul style="list-style-type: none"> • Constructing Boundary Work: Unpack the Multi-Discipline Collaboration Research in WASH Project (Arga Pribadi Imawan – UGM) • Mutual Accountability and Multistakeholder Partnerships in Water and Sanitation Sector in Indonesia (Nishrin Qowamuna – CRPG, Mohamad Mova Al'Afghani, Univ Ibn Khaldun) • Tanggung Jawab Pengelolaan Sungai Untuk Pemenuhan Kebutuhan Air Minum Masyarakat; Tinjauan Hukum Pemanfaatan Sungai oleh Perusahaan Daerah Air Minum di Provinsi Banten, (R Ismala Dewi dan Aad Rusyad Nurdin – FHUI Depok) (IND) • Right to Water in the Perspective of Human Rights Law: The concept of Ius Constituendum and its relation to the Sustainable Development Goals in Indonesia (Haekal Al Asyari – UGM)
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	(Azyyati Ridha Alfian – Univ. Andalas) (IND)		
14.00 – 14.45 (45 min)	Keynote 3 Speaker: Prof. Guy Howard, University of Bristol Theme: Climate resilience in water and sanitation – thinking beyond the SDGs Moderator: Dr. Cindy Rianti Priadi, ST., MSc. (UI) Assistant: Ajeng Rahastri Agenda: Bridge to the keynote 1: MC from Jejaring AMPL → 1 min Introduction of the speaker by moderator → 1 min Presentation → 25 min Q&A → 17 min Conclusion (moderator) → 1 min		
14.45 – 15.15 (30 min)	Closing Bridge to the synthesis session: MC from Jejaring AMPL → 2 min Recap of the symposium (synthesis, take away, next plan, and closing): Dr. Cindy Rianti Priadi, ST., MSc. (UI) → 25 min Closing of the symposium: MC from Jejaring AMPL → 3 min		

Contact: symposiumwash@gmail.com

Notes:

1. MC ask all to use the virtual background:
https://drive.google.com/file/d/1Z3guzpymMiSuWPPLPqRonFulmaWkLnd/view?usp=share_link
2. MC ask all to register in the form, if they have not registered yet: <https://bit.ly/IsWASH2023>

Presentations and Abstracts:

<https://drive.google.com/drive/folders/1srVwUcjarI9wi0nIDEHxxxYX11jIMtHs>

IsWASH 2023 Virtual Background:

https://drive.google.com/file/d/1Re4v_s7G4diEAEWZCF5PnV_2Ve2pAn-E/view

Presenters' Guidance:

<https://docs.google.com/document/d/1sB1dE9CnJxnbrd4pryGZyaPTlDhJPxxIp45DTu0oQ8c/edit?usp=sharing>

Convener Guidance

<https://docs.google.com/document/d/15jW-FeUnwRI81PK6eQORcJQ8N03Meb5a31XYjX4sby4/edit>

Should you have any questions, please do not hesitate to contact us at symposiumwash@gmail.com

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