

Poster No	Abstract Title	Topic/Category	Author	Institute/Affiliation
13	Potential Strategic Policy Intervention on Managing Deteriorating Air Pollution from Transport Sector Resulted in Economic and Political Crisis Emerged at The Post Covid-19 and Ukraine War	<i>Reducing emissions and transport-related air pollution</i>	Mr. Don Jayaweera	Clean Air Sri Lanka
14	Tools for assessing air pollution in Metropolitan Lima and Callao, Peru Creating a high-resolution spatial emissions inventory with limited activity data	<i>Reducing emissions and transport-related air pollution</i>	Mrs. Joanne Green	Ricardo
19	Field-based fugitive emissions of air pollutants from indoor solid fuel combustions	<i>Reducing air pollution from the commercial (e.g., construction) and residential (e.g., cooking) sectors</i>	Dr. Guofeng Shen	Peking University
22	Emission load of particulate matter and gaseous air pollutants during the implementation of large-scale social restriction during the COVID19 pandemic in Jakarta, Indonesia	<i>From data to solutions: how cities use air quality data to plan and implement solutions</i>	Dr. Didin Agustian Permadi	Itenas
23	Prognosis on Indian Gasoline Cars and Application of Gasoline Particulate Filter to Minimize Particulate Emissions	<i>Reducing emissions and transport-related air pollution</i>	Prof. Mukesh Sharma	Indian Institute of Technology Kanpur
25	Near-real time emission inventory development for air quality management: Case study of Pathum Thani, Thailand	<i>Other Topics</i>	Ms. Sawita Janwattanaudom	Asian Institute of Technology
27	Airborne microplastics in the air: Case study of Bangkok Metropolitan Region, Thailand	<i>From data to solutions: how cities use air quality data to plan and implement solutions</i>	Mr. Danuwat Sarathana	Asian Institute of Technology
29	Greentech EcoBOOSTER for Fuel Combustion Engines	<i>Reducing emissions and transport-related air pollution</i>	Mr. Raymund Acedera	Greentech EcoBOOSTER
30	Digital Overhaul of the National Atmospheric Emissions Inventory's Road Transport Emissions Model for Scenario Modelling	<i>From data to solutions: how cities use air quality data to plan and implement solutions</i>	Mr. Daniel Wakeling	Ricardo plc
31	Air Quality Modelling on the Contribution of Brake Wear Emissions to Particulate Matter Concentrations Using a High-Resolution Brake Use Inventory	<i>From data to solutions: how cities use air quality data to plan and implement solutions</i>	Mr. Daniel Wakeling	Ricardo plc
33	Development of Hourly 1x1 km ² PM _{2.5} Concentration Map using Remote Sensing Data for Thailand	<i>Other Topics</i>	Mr. Pongsakon Punpukdee	Asian Institute of Technology
34	Personal Exposure to Airborne Microplastics in Different Workplaces in Pathum Thani Province, Thailand	<i>Other Topics</i>	Ms. Kanokwan Limsiriwong	Asia Institute of Technology

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35	Democratizing Air Quality Data in Indonesia For Better Health	<i>Public and private sector participation in data collection and implementation of solutions</i>	Mr. Piotr Jakubowski	nafas Indonesia
37	Contribution of Inside and Outside-city Air Pollution Sources to PM2.5 Concentration in Bangkok: Moving from Research to Action	<i>From data to solutions: how cities use air quality data to plan and implement solutions</i>	Dr. Ekbordin Winijkul	Asian Institute of Technology
40	Global Compensation Algorithm Development for Open Hardware Low-Cost PM Monitor	<i>The science and policies on air pollution and health</i>	Mr. Achim Haug	AirGradient Ltd.
41	Coal phase-out Action Plan to achieve the Carbon Neutrality Strategy in Kazakhstan	<i>Emissions reduction from coal-fired power plants and other heavy-polluting industries</i>	Prof. Nassiba Baimatova	Al-Farabi Kazakh National University
43	Effectiveness of the Data Management System in Sri Lanka Vehicle Emission Testing Program	<i>Reducing emissions and transport-related air pollution</i>	Mr. Lasith Jayatilake	Clean Air Sri Lanka
44	Revolutionizing Urban Transit: Safa Tempos as a Sustainable Replacement for Microbuses in Kathmandu Valley	<i>Transitioning to sustainable public transport (e.g., e-mobility, transport planning, etc.) and freight systems</i>	Ms. Aditi Dhakal	Aloi Private Limited
45	JICA's Approach To Achieve Clean Air	<i>Developing and financing action plans, projects, and progra</i>	Dr. Hiroaki Takiguchi	Japan International Cooperation Agency
46	Identification of Microplastics in Deposited Road Dust at Jenderal Sudirman Street, Makassar, Indonesia	<i>Reducing emissions and transport-related air pollution</i>	Ms. Andi Chusnul Khatimah Amin	Universitas Hasanuddin
47	Dispersion Analysis of CO, NOx, and PM10 Concentrations from Truck Vehicles on Gowa Regency Roads, Indonesia	<i>Reducing emissions and transport-related air pollution</i>	Ms. Danti Fitriani Ohorella	Department of Environmental Engineering, Hasanuddin University
48	Cost-Benefit Analysis for Air Pollution Control Strategies in Jakarta, Indonesia	<i>The science and policies on air pollution and health</i>	Mr. Ginanjar Syuhada	Vital Strategies
49	Estimating Vehicular Emissions and Traffic Congestion Indices – Case Study of a Suburban Area in Mumbai City	<i>Reducing emissions and transport-related air pollution</i>	Dr. Mihir Herlekar	The Institute of Science
51	Using localised vessel data to distinguish and report domestic and international shipping emissions	<i>Shipping emissions monitoring and control</i>	Mr. Ioannis Tsagatakis	Ricardo
52	Engaging the public to shift the paradigm for clean air in Nepal	<i>Public and private sector participation in data collection and implementation of solutions</i>	Mr. Bhola Bhattarai	FHI 360 Nepal
53	Assesing Level of Emission Through Freight Emission Index	<i>Reducing emissions and transport-related air pollution</i>	Mrs. Neha Bajaj	TUL Foundation
54	Effectively Communicating about Air Pollution to Catalyze Change	<i>Other Topics</i>	Ms. Shreesha Nankhwa	FHI 360

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55	Designing a scenario-modelling tool to inform policy on air pollutant emissions	<i>From data to solutions: how cities use air quality data to plan and implement solutions</i>	Mr. Ioannis Tsagatakis	Ricardo
56	A Participatory Approach for Preparation of a Municipal Air Quality Management Plan in Changunarayan Municipality, Nepal	<i>Developing and financing action plans, projects, and programs</i>	Ms. Bijaya Rajbaidya	FHI360
60	Assessing the Impact of Vehicle Age on Emission Test Failures: A Case Study in Sri Lanka 2022	<i>Reducing emissions and transport-related air pollution</i>	Mr. Mohamed Nafees Mohamedu Nasar	CleanCo Lanka Private Limited
61	Influence of fuel price, vehicle import tax variation on Sri Lankan vehicle fleet and present emission levels by vehicle type	<i>Reducing emissions and transport-related air pollution</i>	Mr. Surendra Perera	Clean Air Sri Lanka
64	Towards Long-Term Sustainable Air Quality Management: An Evaluation of Urban Air Quality in the Largest Conurbation Areas in Malaysia	<i>From data to solutions: how cities use air quality data to plan and implement solutions</i>	Dr. NOR DIANA ABDUL HALIM	Universiti Kebangsaan Malaysia (UKM), Malaysia
65	Building Better Air Quality with Hollow Fired Bricks	<i>Emissions reduction from coal-fired power plants and other heavy-polluting industries</i>	Mr. Bishal Pandey	MinErgy Pvt. Ltd
68	Status and potential health impact of rice straw open burning in Ha Nam province of Vietnam	<i>Reducing air pollution from the commercial (e.g., construction) and residential (e.g., cooking) sectors</i>	Dr. Phuong Pham Thi Hong	Hanoi University of Natural Resource and Environment
70	PM2.5 related studies using AS-LUNG Sensor in Kuala Lumpur, Malaysia	<i>Other Topics</i>	Dr. Murnira Othman	Institute for Environment and Development (LESTARI)
71	Variation of Volatile Organic Compounds (VOCs) in Ambient Air and its Effect on the Environment and Human Health	<i>From data to solutions: how cities use air quality data to plan and implement solutions</i>	Ms. Nor Syamimi Sufiera Limi Hawari	The National University of Malaysia (UKM)
72	Unveiling the Trend of Surface Ozone and Nitrogen Oxides in Malaysian Borneo over a Decade Cycle (2010 – 2020)	<i>From data to solutions: how cities use air quality data to plan and implement solutions</i>	Mrs. Hartini Mahidin	Universiti Kebangsaan Malaysia
73	Using stories to find solutions for South Asia's nitrogen challenge	<i>Addressing open burning of waste and agricultural residue</i>	Mrs. Keesje Avis	Ricardo
74	MyAtmos: Novel Method to Analyse an Urban Air Pollution Big Data with Artificial Intelligent Approach during Pandemic Covid-19 Disaster	<i>From data to solutions: how cities use air quality data to plan and implement solutions</i>	Dr. Noor Zaitun Yahaya	Universiti Malaysia Terengganu/The Clean Air Society Forum of Malaysia
75	Assessment fo Health Impact of Technicians works in vehicle emission testing in Sri Lanka	<i>The science and policies on air pollution and health</i>	Ms. Ashoka Samanmali	Vehicle Emission Testing Program
76	Where could a single PM2.5 monitor have an outsized national-level impact?	<i>Developing and financing action plans, projects, and programs</i>	Dr. Christa Hasenkopf	Energy Policy Institute at the University of Chicago

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77	A Critical Review of Stationary Sources Emission Standards in Sri Lanka	<i>Other Topics</i>	Dr. Thusitha Sugathapala	University of Moratuwa
78	Resolving Jakarta's Emissions: The Story from 30-year Emission Inventory	<i>Reducing emissions and transport-related air pollution</i>	Dr. Driejana Driejana	Institut Teknologi Bandung
81	People-Centered Air Quality strategy as a Driver of GHG Reductions	<i>Integrative work on clean air and climate action</i>	Mr. Xin Liu	Energy Foundation China
82	Multiscale air quality modelling to enable evidence-based decision making in Abu Dhabi	<i>From data to solutions: how cities use air quality data to plan and implement solutions</i>	Mr. Oriol Teixido	Ricardo
84	Urban Air Pollution and Percentage of Hospitalization and Hospital Death Due to Diseases of Lower Respiratory System (LRD) In Sri Lanka	<i>The science and policies on air pollution and health</i>	Mr. Sarath Premasiri	National Building Research Organisation
85	Severity of Ambient Air Pollution in Urban Areas in Sri Lanka	<i>From data to solutions: how cities use air quality data to plan and implement solutions</i>	Mr. Sarath Premasiri	National Building Research Organisation
90	Clean Air Catalyst: Data-to-Impact Approach to Accelerate Clean Air Action in Jakarta	<i>From data to solutions: how cities use air quality data to plan and implement solutions</i>	Mr. Fadhil Firdaus	World Resources Institute Indonesia
91	Strengthening Stakeholders Network Through Air Quality Community of Practice in Southeast Asia: An Overview of Regional Needs Prioritization for Capacity Building	<i>Stakeholder Networks and Engagement through Community of Practice</i>	Mr. Fadhil Firdaus	World Resources Institute Indonesia
92	Plasticization of Metro Manila's Ambient Air: the presence of emerging suspended atmospheric microplastics	<i>The science and policies on air pollution and health</i>	Mr. Rodolfo II Romarate	Mindanao State University - Iligan Institute of Technology
94	Emobility in Colombo Metropolitan Area: Pioneering Sustainability through Air Pollution Mitigation, NDC Achievement, SDG Advancement, and Climate Financing	<i>Transitioning to sustainable public transport (e.g., e-mobility, transport planning, etc.) and freight systems</i>	Prof. Sampath Aravinda Ranasinghe	Clean Air Sri Lanka
97	Study on Air Dispersion Characteristics in Busan Port due to Emissions from Ship Green Fuel Leakage	<i>Reducing emissions and transport-related air pollution</i>	Prof. Sunwoo Young	Konkuk University
98	Developing and financing action plans, projects, and programs	<i>Clean Air Action Plan Development for Erdenet City, Mongolia</i>	Prof. Sereeter Lodoysamba	German-Mongolian Institute for Resources and Technology