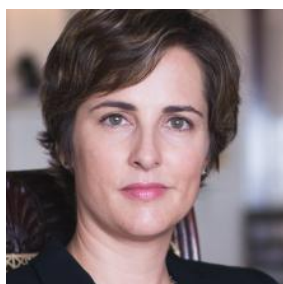


# THE 100 QUESTIONS AIR QUALITY



## Doing More with What We Know: Data, Science and Action September 16<sup>th</sup>

### Moderators:



**Jessica Seddon** is the Global Lead, Air Quality, WRI Ross Center for Sustainable Cities. Her work focuses on leveraging new sources of information and environmental awareness to motivate and guide cost-effective strategies for reducing polluting emissions. She is leading the [Clean Air Catalyst](#) with USAID and a consortium of partners currently focused on projects in Ethiopia, India and Indonesia.



**Stefaan Verhulst** is co-Founder and Chief Research and Development Officer of the GovLab at New York University, focused on improving governance through data science and collective intelligence. Read more about how one of GovLab's signature projects, [the 100 Questions Initiative](#), is seeking to map the world's 100 most pressing, high-impact questions to unlock the potential of data to provide answers that matter.

### Speakers:



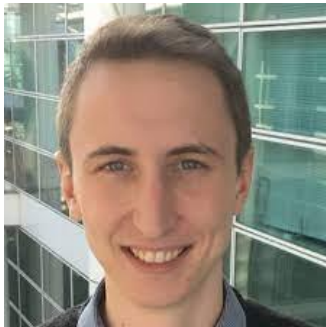
**Desmond C. Appiah** is currently the Program Manager for African Cities for Clean Air (AC4CA) initiative of C40 Climate Leadership Group. He was until recently the C40City Advisor & Chief Resilience & Sustainability Advisor to the Mayor of the City of Accra at the Accra Metropolitan Assembly. Where he coordinated city programs aimed at ensuring sustainable city development in areas pertaining to air quality, waste management, climate change, road safety, disaster planning and management, with a charge to integrate management structures for enhancing urban resilience. Desmond was the Accra city lead for the Urban Health Initiative's BreatheLife Project.



**Dr. Christa Hasenkopf** is Senior Air Quality and Environment Advisor at US Agency for International Development. Formerly, she was Chief Executive Officer and co-founder of OpenAQ . She recommends reading the [2020 OpenAQ Air Quality Open Data State of Play](#) and UNEP's just-released summary of [Air Policies and Programmes to Reduce Air Pollution](#) for background on her remarks.



**Juliana Klakamp** is the Chief Operating Officer at the [Clean Air Institute](#), focused improving air quality and mitigate climate change by enabling and catalyzing decisions and investments on sustainable transport and energy.



**Matt Whitney** is a Portfolio Manager and leads strategy and programme development for the Clean Air Fund's work on air quality data. He helped to establish the organisation prior to its launch at the UN General Assembly in 2019. He will be referring to findings from the [2021 State of Global Air Quality Funding](#). You can also read more about Clean Air Fund's data strategy released in May 2021 [here](#).

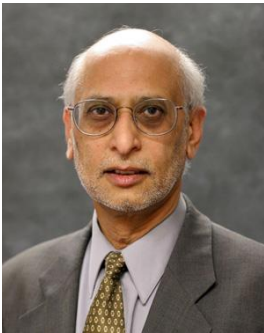


**Dr. Pallavi Pant** is a Senior Scientist at the Health Effects Institute where she leads the institute's Global Health program. She has more than a decade of experience in research and public engagement on air pollution, particularly in low- and middle-income countries. She is a key contributor to the [State of Global Air](#) which provides data on air pollution exposure and health impacts around the world. For the first time in 2020 the report documented impacts of air pollution on newborns.



**Sean Khan** is the Programme Manager for the UN Environment Programme's Global Environment Monitoring Systems for Air (GEMS Air) initiative in Kenya. Read more about [UNEP's data strategy](#) and plans to create the [world's largest real-time air quality databank](#). If you are interested in joining the Consortium for Better Air Quality, fill out [this form](#).

## Participants



**Dr. A R Ravishankara** is a Professor in the Departments of Chemistry and Atmospheric Science at Colorado State University. He has worked over the four decades on the chemistry of the Earth's atmosphere as it relates to stratospheric ozone depletion, climate change, and regional air quality.



**Aileen Nowlan** leads the EDF+Business work to identify, accelerate, and scale transformative environmental innovations. Aileen focuses on empowering cities and companies to monitor and map air pollution at a hyperlocal scale, and to use air quality data to curate and achieve solutions for high-priority urban challenges including climate change.



**Carmit Lubanov** serves as the executive director of the Association of Environmental Justice in Israel (AEJI) since its establishment on 2009, as a policy research and resources center (NGO).



In her role as Urban Sustainability Advisor, **Christina Wong** serves as a thought leader for USAID on urban sustainability issues, spanning pollution, ecosystem services, and climate change. Christina also co-manages USAID's new global flagship program, **Clean Air Catalyst**.



**Chuthathip Maneepong** is a Project Manager at the Earth Foundation in Thailand. In this role, she is also the Chief of Party of the Green and Livable SamutSakhon project which aims to promote pollution rehabilitation and reduction.

**Dharmesh Shah** is an independent consultant in environmental policy, zero waste systems, biodiversity, circular economy, marine plastic pollution, citizens science. He was previously a coordinator at GAIA and a policy advisor at the Indian Institute of Technology Madras.



Dr. **Elena Craft's** expertise is on air toxics issues, focusing specifically on reducing criteria and greenhouse gas emissions from the energy and transportation sectors. She has worked to reduce emissions especially around port areas and environmental justice communities.



**Gary Klaiman** a senior environmental consultant focused on air quality and climate planning for state and national governments. He is currently working with the World Bank Environment and Natural Resources global practice on efforts to expand air quality management planning to address traditional air quality as well as the impacts of short-lived climate pollutants (black carbon and methane).



**Dr. George Mwaniki** is Head of Air Quality for WRI Africa, based in Addis Ababa. His work focuses on working with stakeholders across the continent, including policymakers, civil society, communities, private sector and academia towards improving air quality and reducing its negative impacts on health, ecosystems and economies.



**Dr. Graciela Raga** is Senior Scientist and Professor at the Atmosphere Sciences Center of the Universidad Nacional Autónoma de México (UNAM) in Mexico City. Her research in Mexico focused on aerosol urban pollution, providing a new direction by bringing a physical context to the pollution research.



**Dr. Jacqueline Klopp** is Co-director of the Center for Sustainable Urban Development and a Research Scholar who explores the intersection of sustainable transport, land use, accountability, air pollution, climate change, and data and technology. Klopp is the author of numerous academic and popular articles on land and the politics of infrastructure with a focus on Africa.



**Karin Tuxen-Bettman** is a Program Manager on the Google Earth Outreach team at Google. She helps nonprofit organizations and scientists use Google's mapping tools for their work, focusing much of her work on helping them with visualizing GIS data, as well as getting better imagery for the areas where they work, including high-resolution aerial and satellite imagery, and ground-level Street View imagery.



**Katherine Swanson** is an Environment Officer with USAID and co-manages the flagship [Clean Air Catalyst](#) partnership for accelerating clean air solutions in low- and middle-income countries.



**Katja Dzepina** is an Assistant Professor at the University of Nova Gorica in Slovenia and is affiliated with the University's Center for Atmospheric Research.



**Karthik Ganesan** is a Research Fellow at Council on Energy, Environment and Water based in Greater Delhi area. He previously consulted with the Asian Development Bank.



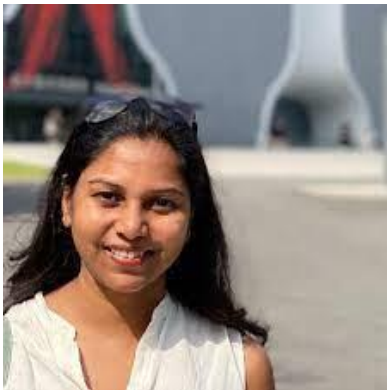
**Kaushik Hazarika** is a Sustainable Development professional with experience in programme design, strategic policy development and project management in the areas of climate change, environment and clean energy. He currently serves as a Consultant with the Environmental Defense Fund in India.



**Dr. Kofi Amegah** is a Senior Lecturer in the Department of Biomedical Sciences at the University of Cape Coast and The Project Lead for the Ghana Urban Air Quality Project.



**Mary Alejandra Mendoza** is coordinator of Bogota's Integrated Air Management plan, responsible for implementing more than 45 projects, interfacing with the industrial sector and citizens, and managing international cooperative efforts.



**Meenakshi Kushwaha** is the Co-founder and Director of Research at ILK Labs, a research and education consulting organization focused on environment, health and sustainability.



**Natalia A. Restrepo** is the Air Quality, Climate Change and Policy Engagement Specialist at Clean Air Institute. She is a process engineer and previously developed activities for the implementation of the Aburra Valley's Air Quality Plan, based in Medellin, Colombia.





**Nathan Borgford-Parnell** is the Scientific Advisory Panel and Science Affairs Coordinator with the UN Environment Programme's Climate and Clean Air Coalition. He is an experienced science and policy communicator and environmental attorney.



**Dr. Oksana Tarasova** has been the Chief of the Global Atmosphere Watch (GAW) Programme of the World Meteorological Organization (WMO) since 2014. She is also the Head of WMO's Atmospheric Environment Research Division.



**Dr. Priyanka deSouza** is an Assistant Professor at the University of Colorado Denver's College of Architecture and Planning (CAP). deSouza is highly regarded globally for her work on improving air quality for vulnerable populations.



**Ronak Sutaria** is the Founder of an initiative called [urbansciencesIN](#), formally registered as Respirer Living Sciences Pvt. Ltd, which provides real time air quality monitoring solutions.



**Sandra Cavalieri** coordinates the Health Initiative and is responsible for donor reporting and overseeing the CCAC Trust Fund. Sandra joined the CCAC Secretariat in 2012 following six years at the Ecologic Institute in Berlin, Germany, where she led a number of multi-year stakeholder dialogues focused on Arctic environmental governance.



**Santhosh M. Harish** is a Fellow at the Centre for Policy Research, New Delhi. Santosh's research interests lie in the areas of energy and environment policy, specifically distribution of electricity, and regulation of air pollution.



**Saowalak Jingjungvisut** is a communications and Knowledge Management (KM) professional with more than 8 years of experiences in climate change adaptation across the Mekong River Basin countries. She is currently Partnerships and Communications Manager at the East-West Institute in Thailand.



**Sumi Mehta** serves as the Senior Epidemiologist in the Global Environmental Health division of Vital Strategies, a global public health organization. She has over 18 years of experience in air pollution and health, with expertise in epidemiology, exposure assessment, comparative risk assessment, and cost-effectiveness analysis.



**Tammy Mayer** is REN21's NDC-TIA communications lead. At REN21, Tammy is responsible for the communications strategy, report launches and supporting engagement of the larger REN21 network.



**Tanushree Ganguly** is the Air Quality Programme Lead at The Council on Energy, Environment, and Water. Her work focuses on assessing the potential of alternative methods of monitoring air quality and understanding and addressing the current regulatory hurdles in effective implementation of clean air policies.



As National Field and Legislative Manager, **Trisha Dello Iacono** brings the voices and stories of concerned parents from across the country to members of Congress to advocate for policies that protect kids' health.



**Tyler Knowlton** has 15 years of experience in the communications field and a passion for public participation and citizen action. He is currently Director of Communications, Communities, and Partnerships at Plume Labs.



**V. Faye McNeill** is a Professor of Chemical Engineering and Earth and Environmental Sciences at Columbia University and a member of the Earth Institute faculty. She is the principal investigator of the Clean Air Toolbox for Cities Initiative.



**Weenarin Lulitanonda** is the co-founder of the Thailand Clean Air Network where her role is in coordination the group's work, in helping to shape the group's strategic direction and in managing the international partnerships that are being established.

#### **WRI Attendees:**



**Beatriz Cardenas** is Air Quality Director at WRI Mexico and coleads the global Air Quality at WRI. She is an expert in air pollution, with experience in both science and policy, from the study of biological processes to treat air pollutants, to the design and implementation of integrated policies to achieve clean air.



**Beth Elliott** works with WRI's Air Quality team to communicate the public health, economic and environmental benefits of reducing air pollution. She leads communications and engagement for [Clean Air Catalyst](#), the USAID flagship program led by WRI and EDF.



**Marley Leitner** is the Project Manager for the Clean Air Catalyst, a new flagship program launched by The U.S. Agency for International Development (USAID) and a global consortium of organizations, led by World Resources Institute (WRI) and Environmental Defense Fund (EDF) to accelerate clean air solutions in low and middle income countries.



**Elizabeth Moses** is an Environmental Rights and Justice Associate II with the Environmental Democracy Practice (EDP). She is a natural resource governance expert with more than a decade of international and US based experience leading technical research, policy-analysis and civil society capacity building.



Sanjar Ali is Project Associate with the Air Quality Team at the Sustainable Cities and Transport program at WRI India. Here, he is engaged with geo-spatial mapping and analysis, policy assessment, data collation and analysis. He also works on research in the field of air quality, Land Use Planning and developing emissions inventories.