Webinar on

International Day of

Clean Air for Blue Skies

September 07, 2020

at 03:00 p.m. (GMT +5)

COMSATS Centre for Climate and Sustainability
CCCS

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Air pollution is a major threat for the environment and has an adverse impact on ecosystems. Air pollution is the fourth greatest risk factor for human health. Air pollution is causing increasing number of deaths and disproportionately affects women, children and older persons. Recent estimates attribute 6.5 million premature deaths to air pollution (WHO, 2016).

Air pollution is recognized as a pressing sustainability concern and is directly mentioned in two targets in the framework of U.N. Sustainable Development Goals (SDGs). These are: SDG 3.9 (substantial reduction of health impacts from hazardous substances) and SDG 11.6 (reduction of adverse impacts of cities on people). The United Nations General Assembly adopted the resolution to hold an International Day of Clean Air for Blue Skies on 19 December, 2019, during its 74th session and invited the United Nations Environment Programme (UNEP) to facilitate the observance of the International Day. The first celebration will set a precedent for an important and exciting new international day for clean air to be celebrated annually.

The Day aims to:

1. Raise public awareness at all levels—individual, community, corporate and government—that clean air is important for health, productivity, the economy and the environment.

2. Demonstrate the close link of air quality to other environmental/developmental challenges such as – most and foremost – climate change and the global Sustainable Development Goals.

3. Promote and facilitate solutions that improve air quality by sharing actionable knowledge based practices, innovations, and success stories.

4. Bring together diverse international actors working on this topic to form a strategic alliance to gain momentum for concerted national, regional and international approaches for effective air quality management on the occasion of International Day for Clean Air for Blue Skies.

Purpose of conducting this webinar is to bring together experts and practitioners working in the field of air quality to share their knowledge, experiences and knowledge on the risks and impacts of air pollution which is becoming a serious problem in the world and to offer potential solutions to addressing air pollution challenges.

SPEAKERS

Ms. Kaye Patdu

Ms. Kaye Patdu is Associate Programme Officer at UNEP Regional Office for Asia and the Pacific. She coordinates the Asia Pacific Clean Air Partnership (APCAP), a regional partnership working to achieve measurable reductions in emissions in Asia Pacific. She has over 10 years of experience working on air quality issues in the region. Prior to joining UN Environment, Ms. Patdu Kaye worked with Clean Air Asia helping develop air quality action plans and assessing status of air pollution in the region.

Dr. Eric Zusman

Dr. Eric Zusman is a senior policy researcher/area leader at the Institute for Global Environmental Studies (IGES) in Hayama, Japan. Dr. Zusman holds a bachelor's degree in Mandarin Chinese from Rutgers University, a dual Masters Degree in public policy and Asian studies from the University of Texas at Austin and a Ph.D. in political science from the University of California, Los Angeles. For much of the past two decades, he has conducted research on environmental issues in Asia.

Dr. Zusman's areas of expertise include Co-benefits; Political economy of low carbon development; Air pollution regulation; Climate policy; Sustainable transport; SDGs; and Multilevel governance.

Prof. Chenglai Wu

Professor Chenglai Wu is serving as Associate Professor at International Centre for Climate and Environmental Sciences, Institute of Atmospheric Physics, Chinese Academy of Sciences. His research area involves in application of Global Aerosol Model and Aerosol- Climate Interaction. He is key developer of CAS-Earth System Models.

Professor Wu earned his Ph.D degree from ICCES, IAP, and CAS in 2013 and he is author of 27 peer reviewed journal papers. He is also reviewer of several international journals.

Ms. Madina Tursumbayeva

Ms. Madina Tursumbayeva is a first year PhD student and a senior lecturer at the Department of Meteorology and Hydrology at al-Farabi Kazakh National University.

Madina earned her Master's degree from Iowa State University in 2017. She is an author of 4 peer-reviewed journal papers. Her research focuses on development of time-weighted average sampling of odorous volatile organic compounds (VOCs) in air using SPME and gas chromatography and mass spectrometry.

Moderator

Dr. Anjum Rasheed
Assistant Professor
Centre for Climate Research & Development, COMSATS University Islamabad, Pakistan

Meeting Link:

https://us02web.zoom.us/j/89374817308?pwd=VFBNSkJsM0pDNnMrN1MydUt2WXVGdz09

Meeting ID: 893 7481 7308 **Passcode: 944121**

Mr. Zia Ul Islam

Mr. Zia Ul Islam is National Programme Manager at National Ozone Unit, Ministry of Climate Change. His current work mainly includes ensuring Government of Pakistan's compliance to Montreal Protocol on substances that Deplete Ozone Layer.

Earlier, he worked as Director, Pakistan Environmental Protection Council at Ministry of Climate Change where his efforts led to notification of NEQS for Motor Vehicle Exhaust & Noise (Amended), National Standards for Drinking Water Quality and NEQS for Ambient Air and Noise. During his tenure as Director, Pakistan Environmental Protection Agency, he contributed in establishment of Continuous Air Monitoring stations in provincial and federal capitals, transboundry air monitoring station.

Ms. Jacqueline Godfrey Mwendwa

Ms. Jacqueline Godfrey Mwendwa is a Research Officer at Tanzania Industrial Research and Development Organization (TIRDO). Ms. Mwendwa is a registered Environmental expert by Tanzania National Environmental Management Council (NEMC) and Contact Person for the COMSATS - Centre for Climate & Sustainability (CCCS) – TIRDO.

Her knowledge, experiences and skills of up-to-date in Applied Research and Development (R&D) activities in Environmental Management issues has significantly contributes to the Institution's ability to provide technical services she provides. Within a period of thirteen (13) years working with TIRDO, Ms. Mwendwa has implemented various Environmental Management projects in the areas of Air Quality Management (i.e. Industrial sectors, Commercial centres and Households) which she gained through years of practice.

for Information Please Contact

Mr. Saifullah Dilazak
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PROGRAMME

3:00-3:05 - Welcome Remarks
Ambassador Shahid Kamal, Head CCCS

3:05-3:20 - Recent Development in Addressing Air Pollution in Asia Pacific
Ms. Maria Katherina Patdu, Coordinator, Asia Pacific Clean Air Partnership, United Nation Environment Program (UNEP)

3:20-3:35 - Integrating Air Pollution and Climate Change in Asia: What is Needed to Achieve the Co-benefits
Eric Zusman, Senior Policy Researcher/Area Leader, Institute for Global Environmental Studies (IGES), Japan.

3:35-3:50 - Air Quality Prediction from Regional to Global Scales
Prof. WU Chenglai, Associate Professor, International Centre for Climate and Environment Sciences (ICCES), Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing.

3:50-4:05 - Development of Time-Weighted Average Sampling of Odorous Volatile Organic Compounds in Air with Solid-Phase Microextraction Fiber Housed inside a GC Glass Liner: Proof of Concept
Ms. Madina Tursumbayeva, Senior Lecturer, Department of Meteorology and Hydrology, Al-Farabi Kazakh National University.

4:05-4:20 - Air Quality in Pakistan: Challenges and Way Forward
Mr. Zia ul Islam, National Program Manager, National Ozone Unit, Ministry of Climate Change, Pakistan.

4:20-4:35 - Air Pollution: Traffics and Associated Health Risks Case Study: Dar es Salaam City, Tanzania
Ms. Jacqueline Godfrey Mwendwa, Research Officer, Tanzania Industrial Research and Development Organization (TIRDO), Tanzania.

4:35-4:55 - Session 3: Panel Discussion and Q/A:
Moderator: Dr. Anjum Rasheed, Assistant Professor, Centre for Climate Research & Development, COMSATS University Islamabad, Pakistan

4:55 - Session 4: *Closing Remarks*