

# MANAGING AND MONITORING AIR QUALITY IN ORTIGAS



27 October 2020, Tuesday • 2 p.m. (Manila time) • Via Zoom



Outdoor or ambient air pollution is a critical environmental problem causing millions of premature deaths in Asia. At the same time, indoor air pollution is a major challenge also causing millions of premature deaths. The nature of indoor air pollution varies from one region or one country to another depending on the climatic conditions, type of housing, socio-cultural background and others.

In Metro Manila, the capital city of Philippines, given the warm tropical climate and high population density, indoor air pollution challenges mainly entail: cooling, air circulation and ventilation systems; fumes generated from cooking, cleaning agents, paint and other chemicals used for construction, repair and maintenance indoors; emissions from use of generators for the supply of electricity; emissions from vehicles (in enclosed parking spaces).

In addition to reducing the emission of pollutants, indoor air quality management must also consider controlling the spread

of communicable diseases spread by viruses, bacteria, fungi or parasites. The outbreak of COVID-19 has re-emphasized the importance of preventing the spread of communicable diseases inside buildings. With the easing of lockdowns and gradual return to business under the new normal it will be important to reassess and revamp indoor air quality management and general health and safety conditions inside buildings.

This webinar is a targeted training program for the members of the Ortigas Center Association, Inc. (OCAI). The training is expected to inform participants on:

1. General concepts of Air Pollution
2. Managing indoor air quality under the new normal
3. Key features for controlling the spread of communicable diseases such as COVID-19

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## MODERATED BY



### KARMA YANGZOM

Principal Environment Specialist, Sustainable Development and Climate Change Department (SDCC), ADB

This webinar is co-hosted by ADB together with Clean Air Asia, and OCAI.

## PANELISTS



### JACK NOONAN

Vice President, Asia Pacific International WELL Building Institute (IWBI)



### VICTORIO B. MOLINA

Professor, College of Public Health, Department of Environmental and Occupational Health, University of the Philippines, Manila



### DANG ESPITA CASANOVA

Program Manager, Clean Air Asia, Manila, Philippines



### GEMINN LOUIS APOSTOL

Lead Environmental Health Specialist, Ateneo de Manila University, School of Medicine and Public Health (ASMPH)



### ERWIN CASACLANG

Senior Facility Planning and Management Officer, ADB

Organized by Environment Thematic Group in partnership with the Government Relations Unit, Office of Administrative Services (OAS); Urban Sector Group; Health Sector Group; Climate Change and Disaster Risk Management Thematic Group; and Transport Sector Group of the Asian Development Bank.

All sessions will be recorded.

Please direct any questions to Karma Yangzom, Principal Environment Specialist, SDCC, ADB at [kyangzom@adb.org](mailto:kyangzom@adb.org) and Chris Tabungar at [ctabungar@adb.org](mailto:ctabungar@adb.org).

## PROGRAM

2–2:05 p.m.	<p><b>Welcome Remarks</b> Karma Yangzom, Principal Environment Specialist, SDCC, ADB Introduction of Panelists</p>
2:05–2:26 p.m.	<p><b>General concepts of Air Pollution</b> <b>Presented by Dang Espita-Casanova, Clean Air Asia</b></p> <ul style="list-style-type: none"> <li>• Outdoor air pollution vs. indoor air pollution</li> <li>• Key air pollutants and their sources for both outdoor and indoor air pollution</li> <li>• Health impacts of key air pollutants</li> </ul>
2:26–2:36 p.m.	<p><b>Questions from the audience</b></p>
2:36–2:55 p.m.	<p><b>Indoor air quality in the new normal: The importance of good indoor air quality</b> <b>Presented by Dr. Victorio B. Molina, College of Public Health, University of the Philippines</b></p> <ul style="list-style-type: none"> <li>• Drivers of indoor air quality</li> <li>• Guidelines in the workplace to ensure public health safety in the new normal</li> <li>• Sick building syndrome and its impact to workers health</li> <li>• Monitoring indoor air quality</li> </ul>
2:57–3:15 p.m.	<p><b>Questions from the audience</b></p>
3:15–3:36 p.m.	<p><b>Role of the private sector in the protection of public health under the new normal</b> <b>Presented by Dr. Geminn Louis C. Apostol, Ateneo de Manila University School of Medicine and Public Health</b></p> <ul style="list-style-type: none"> <li>• Transmission of COVID-19 indoors</li> <li>• Measures to prevent the spread of COVID-19 indoors</li> </ul>
3:36–3:51 p.m.	<p><b>Questions from the audience</b></p>
3:51–3:56 p.m.	<p><b>Break</b></p>
3:56–4:28 p.m.	<p><b>Case studies on air quality management</b> <b>Presented by Erwin Casaclang, OAS, ADB</b></p> <ul style="list-style-type: none"> <li>• Air Quality Management inside ADB building</li> </ul> <p><b>Presented by Jack Noonan, Vice President, Asia Pacific IWBI</b></p> <ul style="list-style-type: none"> <li>• WELL Health and Safety criteria in a post-COVID-19 environment and Experience gained so far</li> </ul>
4:28–4:55 p.m.	<p><b>Questions from the audience</b></p>
4:55–5:00 p.m.	<p>Closing remarks by the OCAI Chairman</p>

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and Chris Tabungar at [ctabungar@adb.org](mailto:ctabungar@adb.org).