

# **The EANET Emission Inventory Webinar Workshop on Combustion Sources Outline**

## **1. Background**

For considering atmospheric environmental problems in EANET participating countries, the most important target is fuel combustion sources, especially from large power plants, industrial and residential sources, and road transport. Emissions from combustion sources often cause large adverse impacts on human health and ecosystems by acid deposition, high concentrations of PM<sub>2.5</sub> and ozone, etc.

In order to tackle severe air pollution problems, it is essential to understand current status of emissions of air pollutants and consider effectiveness of mitigation measures. Emission inventory is essential to obtain such information and helps to make appropriate atmospheric environmental policies. The methodologies to estimate emissions from combustion sources are basic and essential ones to be learned for development of national emission inventories.

## **2. Objectives**

The objectives of the Emission Inventory Webinar Workshop are to learn basic methodologies to estimate emissions from combustion sources including stationary and mobile sources. In addition, roles of emission inventory in atmospheric environmental management, frame works of national emission inventory, and related issues are introduced.

## **3. Organizer**

Asia Center for Air Pollution Research (ACAP), The Network Center for EANET (NC)

## **4. Date, Duration, and Format**

Date: 11 December 2023

Duration: ICT 12:30-16:30 (= UTC 5:30-9:30)

Format: Online (The web link of the webinar workshop will be provided to registered participants.)

## **5. Target Participants**

Technical officers, practitioners, and policymakers who are involved in atmospheric environmental management issues, especially in charge of or interested in developing national emission inventory.

Note that one representative presenter from each EANET participating country needs to be nominated from participants by the National Focal Points (NFPs) of each country and is requested to make a short presentation about issues related to major combustion sources in each country at the workshop.

## 6. Program (Time is in ICT = UCT+7)

Duration	Program Item	
<b>Opening</b>		
12:30-12:35	<b>Opening remarks</b> <b>Dr. Shiro Hatakeyama</b> , the Network Center of EANET/Director General of Asia Center for Air Pollution Research	
12:35-12:40	<b>Introduction of the webinar workshop &amp; Group Photo</b>	
<b>Session 1</b>	<b>Lecture presentations from experts<sup>1</sup></b>	
12:40-13:10	<b>Roles of emission inventory in atmospheric environmental management</b> <b>Dr. Toshimasa Ohara</b> , Center for Environmental Science in Saitama, Japan	
13:10-13:40	<b>Methodologies to estimate emissions from stationary sources</b> <b>Dr. Jun-ichi Kurokawa</b> , Asia Center for Air Pollution Research, Japan	
13:40-14:10	<b>Emission Inventory for Transportation Sector</b> <b>Dr. Didin Agustian Permadi</b> , National Institute of Technology Bandung, Indonesia	
14:10-14:40	<b>Introduction of National Air Pollutant Emissions Inventory (CAPSS)</b> <b>Dr. Jongmin Joo</b> , National Air Emission Inventory and Research Center, Republic of Korea,	
14:40-15:00	<b>Other issues related to emission inventory</b> <b>Dr. Jun-ichi Kurokawa</b> , Asia Center for Air Pollution Research, Japan	
<b>Session 2</b>	<b>Presentations from participants nominated by NFPs of EANET</b> <ul style="list-style-type: none"> <li>• <b>What are major combustion sources and how the emissions are estimated or evaluated in your country</b></li> <li>• <b>How combustion emissions influence air quality and what are current control measures in your country</b></li> <li>• <b>Opinions for EANET project activities related to combustion emissions including national emission inventories</b></li> </ul>	
15:00-15:10	Cambodia	<b>Mr. Chandath Him</b> Department of Air Quality, Noise, and Vibration, Ministry of Environment
15:10-15:20	Mongolia	<b>Ms. Delgermaa Tsogtsaikhan</b> Environmental monitoring / Government implementing agency for Meteorology and Environmental Monitoring
15:20-15:30	Myanmar	<b>Ms. Witt Yi Soe</b> Hydrological Division, Department of Meteorology and Hydrology, Ministry of Transport and Communication

15:30-15:40	Philippines	<b>Engr. Jundy Del Socorro</b> Air Quality Management Section, Environmental Management Bureau, Department of Environment and Natural Resources
15:40-15:50	Russia	<b>Dr. Sergei Gromov</b> Institute of Global Climate and Ecology, Roshydromet
15:50-16:00	Thailand	<b>Dr. Kessinee Unapumnuk</b> Air Quality and Noise Management Division, Pollution Control Department
16:00-16:25	Q & A for the presentations from participants General discussion among participants and experts	
<b>Closing</b>		
16:25-16:27	<b>Short announcements</b>	
16:27-16:30	<b>Closing remarks</b> <b>Mr. Kenichiro Fukunaga</b> , the Network Center of EANET/Deputy Director General of Asia Center for Air Pollution Research	

<sup>1</sup>Each lecture presentation includes time for Q & A.

Join Zoom Meeting

<https://us02web.zoom.us/j/84475204678?pwd=K2swRnpvMHNVV2NCUloyRGdVYTRqUT09>

Meeting ID: 844 7520 4678

Passcode: 181249