

Target Countries :

Course No. : J1804389

No. : 1884789

Sector : Environmental Management/Air Pollution/Acid Rain

Sub-Sector :

Language : English

Outline

To reduce potential adverse impacts of air pollutants on human health and ecosystems in developing countries, proper air quality management is required at all levels. This project aims to develop capacity for air quality management based on scientific tools, including atmospheric monitoring, emission inventory and model simulation, making use of the knowledge and experiences that Japan possesses.

Objective/Outcome	Target Organization / Group	
<p>【Objective】</p> <p>Through obtaining the module outputs indicated below, participants are to develop a proposal which contributes to the improvement of the air quality management capacity of the countries of participants at local, national and regional level, through making use of the knowledge and techniques obtained in Japan.</p> <p>【Outcome】</p> <ol style="list-style-type: none"> 1. To understand a whole scheme of air quality management. 2. To understand the techniques of air quality monitoring and the key issues in establishing air quality monitoring scheme, and to examine the applicability to the participant's country or region. 3. To understand the sources of air pollutants and the key issues in determining emission levels, and to examine the applicability to the participant's country or region. 4. To formulate a feasible Action Plan for air quality management in a country or region. 	<p>【Target Organization】 Central/local government, research institute, public organization responsible for air quality management</p> <p>【Target Group】 Participants should meet the following conditions.</p> <ol style="list-style-type: none"> 1. Nominated by their government. 2. Veteranian, who is engaged in air quality management administration in central or local governments. 3. At least 3 years job experience. 4. Graduates of universit 	
<p>Contents</p> <p>(Prior Activity) Develop a report on the current situation and challenges of air quality management of the participant's country or locality.</p> <p>(Training in Japan) The following lectures, practices and site visits are to be conducted.</p> <ol style="list-style-type: none"> (1) Japan's Air Quality Manangement Policy, Policy Framework for Stationary and Mobile Sources, Effects of Air Pollutants, Environmental Quality Standards. (2) Outline of Air Quality Monitoring, Monitoring Techniques, Monitoring Scheme at National and Local Levels, Quality Assurance and Quality Control, Analysis and Evaluation of Monitoring Data, Observation of Monitoring Stations. (3) Source of Air Pollutants, Development of Emission Inventory, Modeling of Transportation and Chemical Processes, Characteristics and Selection of Models, Verification of Effectiveness of Countermeasures through Models, Practices of Simulation Models. (4) Development and Presentation of Action Plan. <p>(Post-training Activity) Report at JICA office, Deliberation of Action Plan in their organization, Submission of Progress Report within 6 months after their returning.</p>	<p>Course Period</p>	<p>2018/7/4~2018/8/11</p>
	<p>Department in Charge</p>	<p>Global Environment Department</p>
	<p>JICA Center</p>	<p>JICA Tokyo (Economy&Env.)</p>
	<p>Cooperation Period</p>	<p>2016~2018</p>
<p>Implementing Partner</p>	<p>Japan Environmental Sanitation Center</p>	
<p>Remarks and Website</p>	<p>The contents have been reviewed and improved based on the experience in the previous training course "Air Quality Management Policy".</p>	