Reinforcement of Meteorological Services 気象業務能力向上	Updated

8　participants

Target Countries : Member States of WMO (World Meteorological Organization)

Course No. : J1704262	**No. :** 1784484

Sector : Water Resources/Disaster Management/Meteorology

Sub-Sector :

Language : English

Outline

In this training course, most of the lectures are provided by staff members of the Japan Meteorological Agency, one of the most advanced meteorological services. Participants also visit various kinds of fields which utilize weather information. Every participant is requested to formulate an action plan to improve the meteorological service in his/her country.

Objective/Outcome	Target Organization / Group
【Objective】 This course aims at promoting activities to reinforce the meteorological services of each country applying meteorological data/products such as numerical weather and climate prediction and satellite images for disaster risk reduction and climate change adaptation. 【Outcome】 1. To be able to explain the fundamental technique such as numerical weather prediction (NWP), satellite meteorology. 2. To be able to make up meteorological information which meets users' requirements based on fundamental techniques such as NWP and satellite meteorology. 3. To be able to brief general condition of climate and global environment and make up climate prediction applying climatological and global environmental information. 4. To draw up a master plan to improve the meteorological services of the participants' organizations, and to be used in participants' countries.	【Target Organization】 National Meteorological and Hydrological Services 【Target Group】 ·Meteorological officials classified as "Meteorologist" according to the World Meteorological Organization (WMO) personnel categories ·Presently engaged in meteorological services for their governments or government-related public organizations.

Contents		
1. Lectures on the basics of numerical weather prediction and its application. Lectures on the outline of satellite meteorology and application of satellite data. Lectures on the global telecommunications system. 2. Exercises on satellite data application. Exercises on operational forecasting. Lectures on the knowledge and skill to make up meteorological information which meets users' requirements. 3. Lectures on the climatological and global environmental information. Exercises on the application of climatological and global environmental information. 4. Creation, presentation and discussion of final report [After the training course] Implementation of activities to transfar the knowledge and expertise to colleages to improve the meteorological services of participants' organiations (follow-up survey with questionnare).	Course Period	2017/09/11～2017/12/09
	Department in Charge	Global Environment Department
	JICA Center	JICA Tokyo(Economy&Env.)
	Cooperation Period	2017～2019

Implementing Partner	the Japan Meteorological Agency
Remarks and Website	http://www.jma.go.jp/jma/indexe.html