

Sustainable Port Development and Planning (for Port Engineer) 港湾開発・計画(港湾技術者のための)		Continuing	
		20 participants	
Target Countries :			
Course No. : J1704334		No. : 1784566	
Sector : Transportation/Other Transportation Issues			
Sub-Sector :			
Language : English			
Outline			
This program provides lectures regarding development and planning of "ports and the waterfront area including industrial location" ranging from the basics of civil engineering to the outcomes of leading-edge research. In addition, a session of case study of ports and the waterfront area including industrial location in which the participants will create action plans after lectures and an inspection and will then make presentations of and discuss such action plans.			
Objective/Outcome		Target Organization / Group	
<p>【Objective】 Based on issues related to port development and maintenance, a feasible action plan will be formulated by participants. (In order for the most effective measures to be worked out, the presented action plans will be discussed among the participants and many private corporations.)</p> <p>【Outcome】 1. The issues related to the port development of respective countries are organized as Inception Report. 2. Participants acquire and become able to explain about basic technical knowledge necessary for port improvement. 3. Participants learn about development / planning methodology of ports and the waterfront area including industrial location and draft preliminary plans. 4. Participants gain an understanding and become able to explain the situation at ports around the world. 5. Participants understand a port construction technology of the Japanese company. 6. Participants formulate action plans that cover port-related global issues and sustainable initiatives. 7. Participants finalize action plan within three (3) month after he/she returns his/ her home country.</p>		<p>【Target Organization】 Port Development and planning section of national government organizations, Port management authorities.</p> <p>【Target Group】 Young port engineers practicing business for at least 3 years responsible for solving problem of global issues (e.g. maintenance, environment, disaster management, etc.)and their sustainable measures. University graduates with good command of English.</p>	
Contents		Course Period	2017/06/04~2017/08/11
<p>【Preliminary Phase in a participant' s home country】 Creation of Inception Reports.</p> <p>【Core Phase in Japan】 1. Lecture/experiment(hands-on training)in basic techniques relating to: (1)Marine/water engineering technologies, (2)Foundation/structure, technologies, (3)Execution/control technologies. 2. Development/planning: (1)Lecture on port policies, (2)Lecture/hands-on training on port planning/designing and formulation of plans and designs, (3)Lecture on and inspection of examples of the port informatization, (4)Lecture on and inspection of methodology of port development/management integrated with business establishment in waterfront areas. 3. Circumstances surrounding ports in the world: (1)Globalization, (2)International treaties pertaining to ports. 4. Maintenance and management, the environment, disaster prevention, etc.:(1)Examples of the maintenance and management as well as the effective use of port facilities., (2)Examples of environmental conservation and environmental impacts assessment, (3)Lecture on efforts to prevent disasters of port facilities. 5. Preparation and Presentation of Action Plan.</p> <p>【Finalization Phase in home country】 Preparation and submission of Final Action Plan (finalized Action Plan) and Progress Report</p>		Department in Charge	Infrastructure and Peacebuilding Department
		JICA Center	JICA Yokohama
		Cooperation Period	2016~2018
Implementing Partner	Ministry of Land, Infrastructure, Transport and Tourism The Overseas Coastal Area Development Institute of Japan(OCDI)		
Remarks and Website	Ministry of Land, Infrastructure, Transport and Tourism http://www.mlit.go.jp/en/kowan/index.html The Overseas Coastal Area Development Institute of Japan(OCDI) http://www.ocdi.or.jp/en/		