

Joint seminar on Concrete Technology for Construction of Transportation and Civil Infrastructure - Issues and Experiences of Japan and Vietnam (Hanoi, Sept. 25 & 26, 2012)

The Concrete Committee of JSCE, Vietnam Concrete Association (VCA) and Japan External Trade Organization (JETRO) have just jointly organized a seminar in Hanoi, Vietnam. Held on Sept. 25 and 26, 2012, the seminar aimed to introduce the JSCE's concrete specifications and its experience in the field of concrete technology.

The JSCE Standards Specifications for Concrete Structures can be said to be one of the most well developed specifications of its type in Japan. First developed in 1931, the specifications have been periodically updated every five years since. Though JSCE has recently translated the specifications document into English so as to make it available to international users in various ways, including free internet download, this seminar marked the first time JSCE experts directly presented the work to overseas users in this way.

During the seminar, experts from MLIT also introduced the technical standards and related commentaries for port and harbor facilities in Japan. This document has also been translated into English for international users, as another sign of Japan's effort to export its infrastructure expertise.

This significant event was strongly supported by Japan's Ministry of Land, Infrastructure, Transport and Tourism (MLIT) as well as Vietnam's Ministry of Construction (MOC), Ministry of Transportation (MOT) and Federation of Civil Engineering Associations (VFCEA).

The number of participants attending the seminar, approximately 200 in total, is indicative of Vietnamese engineers' thirst for information about concrete technology as well as their trust in Japan's civil engineering.

Experts from Japan also shared with these Vietnamese engineers some painful lessons from Japan's past rapid infrastructure development (such as the durability problem, for example) in the hope that Vietnam can avoid such problems in the future.

The seminar was one of a series of international activities being organized by JSCE headquarters and various technical committees with the aim of raising the profile of JSCE and Japan's civil engineering in the international community. These events will develop a technical platform and a network of contacts from which Japan's construction industry can become more and more international. At the same time, JSCE launched the Center for International Activities earlier this year, aiming for an "internationalized" JSCE.

The JSCE Concrete Committee plans to organize similar seminars in Vietnam, Thailand, Indonesia, etc., in the days to come, explaining JSCE's concrete specifications and, at the same time, promoting mutual relationships with other countries.

Free download of JSCE Standard Specifications for Concrete Structures

<http://www.jsce.or.jp/committee/concrete/e/>

JSCE Center for International Activities

http://committees.jsce.or.jp/s_iad/

Seminar Program

First day		
Time	Agenda/Presentation	Speaker
8:30-9:00	Opening speeches from - Dr. Le Quang Hung, President of VCA, Head of Bureau for Construction Quality - Mr. Yoshida, Vice Minister of MLIT - Mr. YAMAOKA Hirokazu, Chief Rep. JETRO Hanoi - Dr. Nguyen Thanh Nghi, Vice Minister of MOC	
9:00- 9:15	Introduction to typical Japanese transportation infrastructure	Dr. Phan Huu Duy Quoc Shimizu Corporation
9:15-10:15	Activities for constructing durable concrete structures in Japan	Prof. Hirotaka Kawano Kyoto University
10:40-11:40	Recent issues with concrete structures in Vietnam	Dr. Nguyen Quang Hiep Ministry of Construction
13:00-14:00	Current status of concrete pavement for transportation projects in Vietnam	Dr. Nguyen Huu Tri Ministry of Transportation
14:00-15:00	Design and construction of concrete pavement for airports in Japan	Dr. Tsubokawa National Institute for Land & Infrastructure Management, MLIT
15 : 15-16:15	Pervious concrete pavement & ultra high strength concrete in Japan	Mr. Obatake Nghi Son Cement
16:15-17:15	Discussion period	

Second day		
Time	Agenda/Presentation	Speaker
8:00-8:15	Opening speech	Prof. Kyuichi Maruyama Nagaoka University of Technology
8:15-8:25	Development of concrete standards in Japan	Dr. Phan Huu Duy Quoc Shimizu Corporation
8:25-9:45	Introduction of JSCE Standard Specifications for Concrete Structures	Prof. Kyuichi Maruyama Nagaoka University of Technology
9:45-10:00	Coffee Break	
10:00-11:30	Standard Specifications for Concrete Structures “Materials and Construction”	Dr. Hideaki Taniguchi Sumitomo Mitsui Corporation
11:30-13:00	Lunch break	
13:00-14:20	Technical standards and commentaries for port and harbor facilities in Japan	Dr. Toru Yamaji Port and Airport Research Institute
14:20-14:35	Coffee break	
14:35-16:35	Quality of concrete for road structures	Dr. Hiroshi Watanabe Public Work Research Institute
16:35-17:00	Discussion period	
17:00-17:30	Issues related to certification of completion	
17:30-17:40	Closing speech	Mr. Nguyen The Hung, Vice President of VCA



Speakers from Japan together with VCA officials

(From left: Dr. Quoc, Prof. Kawano, Dr. Taniguchi, Mr. Hung (VCA vice president), Prof. Maruyama, Dr. Watanabe, Dr. Tsubokawa, Dr. Yamaji, Mrs. Hao (VCA secretary), Mr. Obatake)



The opening speech by Vice Minister Yoshida of MLIT (Approximately 240 participants)



JSCE's activities are highly evaluated by MOC Vice Minister Dr. Nguyen Thanh Nghi



Prof. Maruyama, former chairman of the JSCE Concrete Committee, gave the opening speech on the second day