

28th Sep, 2021

JSCE- Faculty of Engineering, Kasetsart University Online Joint Seminar

Current situations and maintenance technologies for concrete structures subjected to chloride attack in Thailand and Japan

About Seminar

The online joint seminar will be hold to exchange the information related to current situations and maintenance technologies of infrastructures in Thailand and Japan. Ensuring the safety of deteriorated infrastructures is one of the significant problem in all the countries of the world. In this seminar, we will discuss “the current situations and maintenance technologies for concrete structures subjected to chloride attack in Thailand and Japan”.

The seminar is cosponsored by the Concrete Committee of the Japan Society of Civil Engineers (JSCE) and the Faculty of Engineering, Kasetsart University (KU), and we invite six experts who lead this field. We are looking forward to your participation.

Our Presenters

Dr. Wanchai Yodsudjai

(Kasetsart University)

Dr. Sukit Yindeesuk

(Ministry of Transport,
Department of Highways(DOH))

Dr. Kentaro Koike

(Kagoshima University/Port and Airport
Research Institute)

Dr. Tohru Makita

(Central Nippon Expressway Co., Ltd.)

Mr. Satoru Kobayashi

(Kajima Corporation)

Dr. Chawis Thongyothee

(CPAC SB & M Life Solution Co., Ltd.)

Date: 28th Sep. 2021

Time: 13:00-16:00 (Thailand:GMT+7)

15:00-18:00 (Japan:GMT+9)

Venue: Online(ZOOM)

Registration: **Admission Free!**

<https://form.run/@Joint-Seminar>



※After registration, you will receive an e-mail with the URL(Zoom) of the webinar

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Schedule

Date: 28th Sep. 2021

Time: 13:00-16:00 (Thailand: GMT+7)

15:00-18:00 (Japan: GMT+9)

Moderator: Dr. Shingo Asamoto, Saitama University

Co-moderator: Dr. Chakrapan Tuakta, Kasetsart University

Schedule				
Time		Title	Presenter	Affiliation
Thailand (GMT+7)	Japan (GMT+9)			
13:00 - 13:10 (10 min)	15:00 - 15:10 (10 min)	Opening remarks (Dr. Yoshinobu Ooshima , chairperson, JSCE, Concrete Committee, Sub-committee on International Affairs)		
13:10 - 13:50 (40 min = 20 min x 2)	15:10 - 15:50 (40 min = 20 min x 2)	Durability and its enhancing method in Port and Harbor Concrete Facilities	Dr. Kentaro Koike	Kagoshima University / Port and Airport Research Institute
		Part I: Thai standard for chloride attack Part II: Relationship between concrete conductivity and chloride content	Dr. Wanchai Yodsudjai	Kasetsart University
13:50 - 14:10 (20 min)	15:50 - 16:10 (20 min)	Q&A session		
14:10 - 15:30 (80 min = 20min x 4)	16:10 - 17:30 (80 min = 20min x 4)	Rehabilitation and Strengthening of Bridges in the NEXCO Central Expressway Network	Dr. Tohru Makita	Central Nippon Expressway Co.,Ltd. (NEXCO)
		Challenges and Practice for Reservation Program of DOH Bridges Subjected to Corrosion.	Dr. Sukit Yindeesuk	Ministry of Transport, Department of Highways (DOH)
		Concrete Durability Enhancing Technique Using Mixed Silane and Siloxane Water Repellent Agent	Mr. Satoru Kobayashi	Kajima Corporation
		Examples of chloride attack and prospects for future repair method development in Thailand	Dr. Chawis Thongyothee	CPAC SB & M Lifetime Solution Co., Ltd.
15:30 - 15:50 (20 min)	17:30 - 17:50 (20 min)	Q&A session		
15:50 - 16:00 (10 min)	17:50 - 18:00 (10 min)	Photo session and Closing remarks (Dr. Wanchai Yodsudjai , Professor, Vice Dean for Research Faculty of Engineering Kasetsart University)		