28<sup>th</sup> 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)

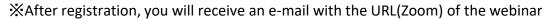
15:00-18:00 (Japan:GMT+9)

Venue: Online(ZOOM)

Registration: Admission Free!

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







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#### Schedule

Date: 28<sup>th</sup> Sep. 2021 Time: 13:00-16:00 (Thailand: GMT+7) 15:00-18:00 (Japan: GMT+9) Mederator: Dr. Shingo Asamoto, Saitama

### Moderator: Dr. Shingo Asamoto, Saitama University Co-moderator: Dr. Chakrapan Tuakta, Kasetsart University

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