



KYOTO UNIVERSITY



Chula  
Chulalongkorn University



VIJARD

Graduate School of Management, Kyoto University Road Asset Management Policy Chair

# CHALLENGE TO DIGITAL ASSET MANAGEMENT IMPLEMENTATION

INTERNATIONAL SYMPOSIUM

Participation Fee Free

MAIN SPEAKER



Prof. Kiyoyuki Kaito  
Graduate School of Engineering,  
Osaka University



Prof. Veerasak Likhitrungsilp  
Chulalongkorn University,  
Thailand



Dr. Nguyen Dinh Thao  
University of Transport and  
Communications, Vietnam



Prof. Akira Seo  
Graduate School of Management  
Kyoto University

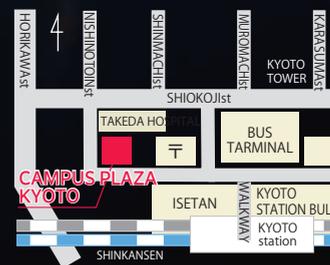


Prof. Naoki Takesue  
Graduate School of Management  
Kyoto University

19<sup>TH</sup> DEC 2024  
10:00 AM - 4:30 PM  
CAMPUS PLAZA KYOTO



**[Organizer]** Graduate School of Management, Kyoto university  
**[Co-Organizer]** Center of Digital Asset Management for Sustainable Development, Department of Civil Engineering, Faculty of Engineering, Chulalongkorn University, Thailand  
Vietnam-Japan Research and Development Center, The University of Transport and Communications, Vietnam  
**[Supporters]** NEXCO West, Hanshin Expressway, Japan Society of Civil Engineers, Japan Federation of Construction Contractors, Japan Association of Asset Management, Japan Institute of Plant Maintenance, The Japan Civil engineering Consultants Association, Japanese Congress for Infrastructure Management Kinki Branch Forum.



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**POINT program**  
GSM Students will be given points only for face to face

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REGISTRATION

## Challenge to Digital Asset Management Implementation

Time	Topics / Speakers
10:00 - 10:20	<b>Opening &amp; Overview</b> Road Asset Management Policy Chair, Graduate School of Management, Kyoto University Prof. Naoki Takesue
10:20 - 10:50	<b>Frontier of Digital Asset Management</b> Graduate School of Engineering Division of Global Architecture, Osaka University Prof. Kiyoyuki Kaito
10:50 - 11:10	<b>Direction of Digital Asset Management</b> International Mega Infrastructure Management Policy Chair, Graduate School of Management, Kyoto University Prof. Kazuya Aoki
11:10 - 11:40	<b>From BIM to Digital Asset Management: Challenges and Lessons Learned</b> Director of Center of Digital Asset Management for Sustainable Development Department of Civil Engineering Chulalongkorn University, Thailand Prof. Veerasak Likhitruangsilp
11:40 - 13:00	Lunch Break
13:00 - 13:30	<b>Pavement Asset Management in line with Decarbonization</b> Division of Highway and Airport Engineering Faculty of Civil Engineering University of Transport and Communications, Vietnam Dr. Nguyen Dinh Thao
13:30 - 14:00	<b>Application of Physical Property Studies to Asset Management</b> Research on Infrastructure Physical Property, Graduate School of Management, Kyoto University Prof. Akira Seo
14:00 - 14:15	Short Break
14:15 - 14:45	<b>Learning a Professional Implementation Framework for Data-Driven Architecture from Digital Twin Pilot Projects in Thailand</b> Faculty of Architecture, Chulalongkorn University, Thailand Prof. Terdsak Tachakitkachorn
14:45 - 15:15	<b>Enhancing Industrial Estate Operations: A Case Study on the Implementation of Digital Twin Technology</b> TEAM Consulting Engineering and Management PCL Executive Director- (SP), Dr. Saratchai Ongprasert
15:15 - 15:45	<b>Challenges for the Sustainable &amp; Digital Pavement Asset Management of Taisei Rotec</b> Engineering Division, Taisei Rotec Corporation Head of Advanced Institute of Research and Development Mr. Kazunari Hirakawa
15:45 - 15:55	Short Break
15:55 - 16:25	<b>Summary &amp; Discussion (Japanese)</b> (Graduate School of Management, Kyoto University) Prof. Osamu Fujiki , Prof. Naoki Takesue (Graduate School of Engineering, Osaka University) Prof. Kiyoyuki Kaito
16:25 - 16:30	<b>Closing &amp; Announcements</b>