



PIANC Asian Seminar 2025

- Environmental Restoration and Port Development -

Date: 21 October 2025
15:30 JST (GMT+9)

Audiences: 200

Registration Fee: Free

Language: English

Webinar Tool: Zoom

Organizer : PIANC Japan

Supported by: MLIT, MAFF, JICA



Fish gathering in
an artificial fishing reef
Source: Kagawa University

Registration URL: <https://forms.gle/g2rUFtRMQraAupZ98>

Deadline: 7 Oct. 2025

You can also register from QR Code!



Seaweed growth

at the base of a breakwater Source: MLIT



Dr. Yoshiaki Kuriyama
Chair of PIANC Japan

Since 2021, the PIANC Asia Seminar has addressed a wide range of issues related to waterborne transport infrastructure, including coastal disaster prevention, port and harbor maintenance, siltation, and soft ground improvement. This year, PIANC Japan organizes a webinar to share the latest knowledge and technologies under the theme of "Environmental Restoration and Port Development". Distinguished researchers from across Asia will deliver lectures on topics such as ecosystem rehabilitation, blue carbon, ecological and environmental data analysis, and the economic evaluation of marine environments in various Asian seas. All those interested in this important theme are warmly invited to participate.

Program (tentative) 15:30 - 18:00 (GMT+9) Moderator: Dr. Yoshiaki Kuriyama

15:30 Opening

15:35 Opening Address: TBD,

Port and Harbours Bureau, MLIT Japan

15:40 Video Message from the PIANC Headquarters:

Mr. Francisco Esteban Lefler, President of PIANC

15:50 Lecture 1: "Monitoring of estuarine fish compositions
using an environmental DNA metabarcoding"

Dr. Shinya Hosokawa, Port and Airport Research Institute (PARI), Japan

16:15 Lecture 2: "Blue Ecosystem Management and
Support for Blue Port Program"

Prof. Yonvitner, IPB University, Bogor-Indonesia

16:40 Lecture 3: "Decision making criteria between
conservation and development as economic sense"

Dr. Suk-Jae Kwon, Korea Institute of Ocean Science and
Technology (KIOST)

17:05 Lecture 4: "Development of Seaweed Bed Creation
Reefs and Contribution to Blue Carbon"

Prof. Yoshihiro Suenaga, Kagawa University, Japan

17:30 Question and Answer

17:50 Presentation of commemorative item

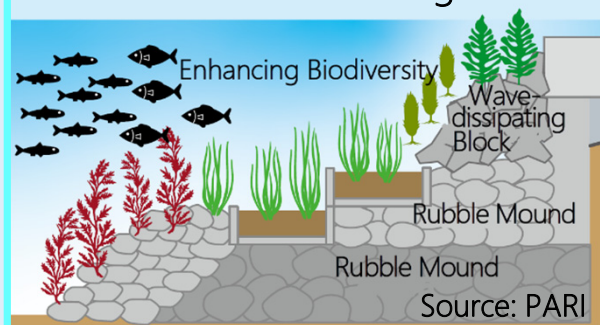
17:55 Closing Address: TBD



Mangrove Breakwater

Source: OC Global

Port Infrastructure aiming at NbS



Source: PARI



MLIT

Ministry of Land, Infrastructure, Transport and Tourism



MAFF
Ministry of Agriculture,
Forestry and Fisheries
農林水産省



Japan International
Cooperation Agency

Fisheries Infrastructure Department, Fisheries Agency, MAFF Japan

Lecturers (In order of presentations)



Dr. Shinya Hosokawa

Head of Marine Environmental Information Group, Marine Environment Control System Dept., Port and Airport Research Institute (PARI), Japan.

Ph.D. (Environmental Science), Hokkaido University

Dr. Shinya Hosokawa has been engaged in PARI since 2003. He was appointed the current position in 2020. For more than 20 years, he has research experiences in the marine environmental information from aspects of hydraulics and ecology.

He also served as a member of PIANC EnviCom WG 214 "Beneficial use (of dredged sediment) for Sustainable Waterborne Transport Infrastructure Projects" .

Prof. Yonvitner

Head of Centre for Coastal and Marine Resources Management (CCMRS), IPB University, Bogor-Indonesia

Doctor of Coastal Management Resources Program, IPB University

Prof. Yonvitner has been engaged in coastal and marine ecosystem studies more than 25 years. His research widely covers from mangrove ecosystem to fishery resources, in coast, marine, river, lake and small island.

He serves as a member of ISME (International Society for Mangrove Ecosystem) , as the President of PEMSEA (Partnerships in Environmental Management for the Seas of East Asia) Network Learning Center. He is also Deputy General Secretary of IMS (Indonesian Mangrove Society).



Dr. Suk-Jae Kwon

Research Counselor, Korea Institute of Ocean Science and Technology (KIOST)

Ph.D. in Environmental & Natural Resources Economics, the University of Rhode Is., USA

Dr. Suk-Jae Kwon has more than 20 years of fruitful experiences in economic evaluations of marine environmental & natural resources, marine disaster assessment, and integrated coastal management. Previously, he has held various key positions in KIOST, in addition to Vice President of the Marine Biodiversity Institute of Korea, President of Korean Society of Marine Environment & Safety.

He also serves as a chair of Technical Session in PEMSEA (ditto).

Prof. Yoshihiro Suenaga

Dean, Faculty of Engineering and Design, Kagawa University, Japan

Doctor of Engineering, Nihon University

Prof. Yoshihiro Suenaga has about 30 years of research experiences in the fields of aquatic environmental engineering, fisheries engineering, and marine engineering.

His research achievements has been recognized with several awards such as three times Awards for Science & Technology by the Minister of MEXT Japan, Prime Minister's Award for Outstanding Achievement in promoting a Maritime Nation, and the NIKKEI Blue Ocean Award. Currently, he serves as the dean of Faculty as well as the dean of the Graduate School of Science for Creative Emergence.



Registration

Contact Information: PIANC-Japan asianseminar.pianc@gmail.com

For registration, please visit : <https://forms.gle/g2rUFtRMQraAupZ98>

(Deadline: 7 October 2025)

*After your registration is completed, we will send you the URL for viewing the seminar at a later date.



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