

# PIANC Asian Seminar 2021 (Webinar)

## Coastal Disaster Prevention (Tsunami, Storm Surge/High Waves)



**MLIT**

Ministry of Land, Infrastructure, Transport and Tourism

**水産庁**

Fisheries Agency



Japan International  
Cooperation Agency

**Organizer: PIANC-Japan**

**Supported by: MLIT, Fisheries Agency, JICA**

**Date: 11 May 2021, 15:30 - 18:00 JST (GMT+0900)**

**Audiences: 300**

**Registration Fee: Free**

**Language: English**

**Webinar Tool: Zoom**

**Registration URL: <https://forms.gle/tMkpheI8Pjb3PsIU6>**

**(Deadline: 20 April 2021)**



You can also register from QR Code!



**Mitsuhiro Okada**  
Chairman  
PIANC-Japan

In this century, Asian people have repeatedly suffered severe coastal disasters. The 2004 Indian Ocean earthquake and tsunami, the Great East Japan Earthquake and Tsunami in 2011, and Typhoon Yolanda (Haiyan) in 2013, just to name a few.

PIANC-Japan organizes a webinar to share lessons learned and latest technology to reduce disaster damages in coastal areas.

Everyone interested in coastal disaster prevention is welcome to join.

### Program 15:30 - 18:00 JST (GMT+0900)

**15:30 Opening**

**15:35 Opening Address:**

Mr. Mitsuhiro Okada, Vice President of PIANC, and  
Chairman of PIANC-Japan

**15:40 Video Message from the PIANC Headquarters:**

Mr. Francisco Esteban Lefler, President of PIANC

**15:50 Lecture 1: Recent Coastal Disasters over the world**

Dr. Tomoya Shibayama, Waseda University

**16:30 Lecture 2: Tsunami disaster experience and risk  
management policy in Indonesia**

Dr. Hendra Achiari, Bandung Institute of Technology

**17:00 Lecture 3: Storm surge and high wave disaster  
experience and risk management policy in the Philippines**

Dr. Mario P. De Leon, De La Salle University

**17:30 Lecture 4: Coastal Area Disaster Prevention and  
National Resilience Policy in Japan**

Mr. Taishi Yamamoto, Ports and Harbours Bureau,  
Ministry of Land, Infrastructure, Transport and Tourism

**18:00 Closing**

Facilitator: Dr. Kenji Ono, PIANC-CoCom, and PIANC-Japan

Source: MLIT



Kamaishi Bay-mouth Breakwater, Japan  
2011 Earthquake and Tsunami



Sulawesi, Indonesia  
2018 Earthquake and Tsunami



Laguna de Bay, Philippines  
2013 Typhoon Yolanda



## Dr. Tomoya Shibayama

Professor, Waseda University, Japan;

Professor Emeritus, Yokohama National University, Japan

Prof. Tomoya Shibayama has been engaged in tsunami and storm surge disaster mitigation studies for more than 40 years by using hydraulic laboratory experiments, field surveys and numerical simulations.

He served as a team leader of post-disaster survey teams for major

significant tsunami and storm surge events in the past seventeen years, including the Indian Ocean Tsunami (2004), the Tohoku Tsunami (2011) and the Storm Surge due to Typhoon Yolanda (2013), amongst others.



## Dr. Hendra Achiari

Assistant Professor, Bandung Institute of Technology (ITB)

Doctor of Engineering in Civil Engineering, Yokohama National University (YNU), Japan, 2007

Asst. Prof. Hendra Achiari has been engaged in service as a researcher and lecturer in Ocean Engineering Program, Bandung Institute of Technology (ITB) for more than 20 years since 1998. He served as a member of post-

disaster survey teams for significant tsunami events including the Sunda Strait Tsunami and the Palu Central Sulawesi Tsunami (2018) in Indonesia in the last fifteen years.



## Dr. Mario De Leon

Associate Professor, De La Salle University, The Philippines

Doctor of Philosophy in Engineering (Coastal Engineering), Kagoshima University, Japan, 2009

Assoc. Prof. Mario P. De Leon has been engaged in service as a researcher and lecturer in coastal engineering field, in De La Salle University and

University of San Carlos for 18 years and has 3-year experiences in construction industry. He served as a member of an international Joint Research and Field Survey on Storm Surge (Typhoon Yolanda 2013) in collaboration with universities and institutes in Japan and Vietnam.



## Mr. Taishi Yamamoto

Director of International Policy Planning Office, Ports and Harbours Bureau, Ministry of Land, Infrastructure, Transport and Tourism (MLIT), Japan

M.Sc., Civil Engineering, Waseda University, Japan; Master of Public Policy, Harris School, University of Chicago, USA

Mr. Taishi Yamamoto has been engaged in international cooperation concerning the transport policy after entering the Ministry of Transport (MLIT at present) in 1995.

He served as a transport policy adviser in Myanmar Port Authority and Ministry of Transport, Myanmar for 3 years from 2015.

## Registration

Contact Information: PIANC-Japan [asianseminar.pianc@gmail.com](mailto:asianseminar.pianc@gmail.com)

\*The URL for viewing the webinar will be sent to you by e-mail in April after your registration is completed.

For registration, please visit <https://forms.gle/tMkpheI8Pjb3PsIU6> (Deadline: 20 April 2021)



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