PIANC Asian Seminar 2023 (Report)

- Outline

PIANC-Japan successfully held the PIANC Asian Seminar 2023 on 4 September 2023 with the support of the Ministry of Land, Infrastructure, Transport and Tourism (MLIT), the Ministry of Agriculture, Forestry and Fisheries (MAFF) and Japan International Cooperation Agency (JICA). This was the third seminar organized as a webinar open to the world, mainly targeting Asian engineers. We invited leading Asian researchers and experts in siltation as lecturers. Their presentations focused on siltation of navigation channels in Asian Region. A total of 260 audiences from 15 countries/regions attended the seminar, about 100 of which were from overseas (mainly from Cambodia, Indonesia, Philippines, Malaysia and Myanmar). The audience showed their keen interest in siltation issues by raising a lot of questions to lecturers.

- Program

Date: 4 September 2023, 15:30-18:00 JST (GMT+0900)
Moderator: Dr. Yoshiaki Kuriyama, Senior Director for Research, Coastal Development Institute of Technology, Japan

Dr. Yoshiaki Kuriyama

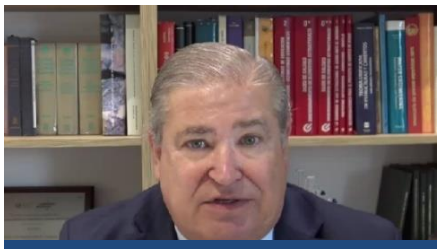
- Opening Address

Mr. Taku Nishimura, Deputy Director General for Engineering Affairs, Ports and Harbours Bureau, MLIT, Japan

- Video Massage

Mr. Francisco Esteban Lefler, President of PIANC, gave the audience an insightful message highlighting the importance of siltation issues in navigation channels.


Mr. Taku Nishimura


Mr. Francisco Esteban Lefler

- Lecture 1: "Fluid mud measurements in Japanese estuaries and navigation channels"

Dr. Yasuyuki Nakagawa, Port and Airport Research Institute, Japan

Outline of Presentation:

- Movement and deposition of cohesive sediment
- Field measurement of the fluid mud (Niigata and Kumamoto Ports)

Dr. Yasuyuki Nakagawa

- Lecture 2: "Sedimentation around Indonesian rivers and ports"

Dr. Aloysius Bagyo Widagdo, National Research and Innovation Agency, Indonesia

Outline of Presentation:

- Simulation of sedimentation in Indonesian rivers

  Case 1: Sedimentation of the Asahan River

  Case 2: Sedimentation on the access channel of the Jelitik River

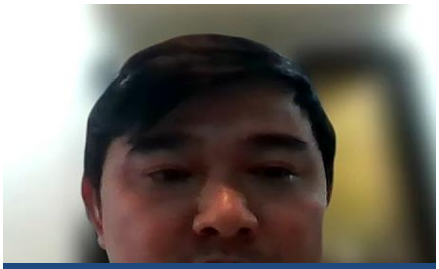

Dr. Aloysius Bagyo Widagdo

- Lecture 3: "Siltation of the navigation channel in the Mekong River Delta, Vietnam"

Dr. Nguyen Viet Thanh, University of Transport and Communications, Vietnam

Outline of Presentation:

- Morphological changes of the navigation channel to the Duyen Hai Port
- Siltation of the new navigation channel


Dr. Nguyen Viet Thanh

- Q&A session

Moderator Kuriyama summarized and introduced questions for the presenters. The audience asked several questions such as: effective solution to siltation problems, cost efficiency of the construction of structures, the long-term trend of the sediment discharge in relation to dam construction.

Q&A Session

- Report of PIANC MarCom WG 205: "Design and construction of breakwaters on soft seabeds

  Dr. Yoichi Watabe, Chairman of PIANC MarCom WG 205

  Outline of Presentation:

  - The formation of the WG, the role of the WG chairperson and the contents of discussions at the WG

Dr. Yoichi Watabe

At the end of the Seminar, Mr. Mitsuhiko Okada, Chairman of PIANC-Japan expressed his appreciation to the lecturers for their excellent contribution and presented a commemorative plaque to them.

Mr. Mitsuhiko Okada

Plaque Presentation Ceremony

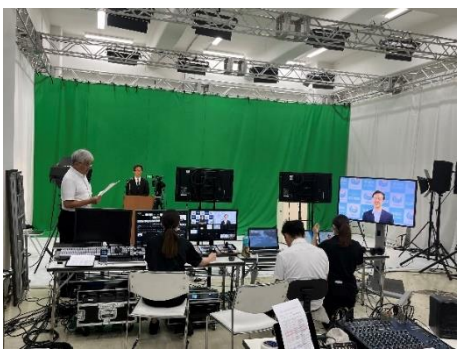
Mr. Koji Watanabe

Closing Remarks

- Acknowledgements

Our heartfelt appreciation is extended to MLIT, MAFF, the Port and Airport Research Institute, Japan and the parties concerned of PIANC-Japan for their enormous contribution in the preparation of the Seminar. PIANC-Japan will organize the fourth Asian Seminar on a different theme next year.

Seminar Secretariat



Webinar Studio

Seminar materials :

Fluid mud measurements in Japanese estuaries and navigation channels
http://pianc-jp.org/news/f3ee88ec2a88c293135e42baae5c4c90a3589fb7.pdf

SEDIMENTATION AROUND INDONESIAN RIVERS AND PORTS
http://pianc-jp.org/news/7e37f69476f76c719a4803d2ce93cc1caa1bd976.pdf

SILTATION OF THE NAVIGATION CHANNEL IN THE MEKONG RIVER DELTA, VIETNAM
http://pianc-jp.org/news/33f4ce30ef48e60131d95eb7216c66d5e2909c44.pdf

Report of PIANC MarCom WG 205: Design and construction of breakwaters on soft seabeds
http://pianc-jp.org/news/c9dd2f664881fc01252158d7d19a644d01e256af.pdf