



PIANC
The World Association for Waterborne
Transport Infrastructure

Sailing Ahead

APRIL 2023

A word by PIANC Secretary-General Geert Van Cappellen...

As the month comes to an end, once again you find our 'Sailing Ahead' Newsletter in your mailbox. With two publications published and the PIANC America 2023 Conference (Fort Lauderdale, FL, USA) as the first PIANC-event specifically dedicated to all the American continent, the past month has been a very interesting one. As always, this issue brings you the latest news from all corners of our PIANC Community. Also kindly take note that the submission of abstracts is now open for our 35th PIANC World Conference (29 April-3 May 2024 in Cape Town, South Africa). I hope to see you there or in the meantime during PIANC's upcoming Annual General Assembly in Oslo (Norway) next month, and/or the Mediterranean Days in Sète (France) and PIANC-COPEDEC in Manilla (Philippines) in October 2023.

I hope you enjoy this newsletter as well as our upcoming events and publications.

[NEWS FROM YP-COM](#)

[NEWS FROM THE PIANC COMMUNITY](#)

[PUBLICATIONS](#)

[PIANC WORKING GROUP VACANCIES](#)

[NEWS FROM PIANC'S PLATINUM PARTNERS](#)

[NEWS FROM PIANC'S SISTER ASSOCIATIONS](#)

[ON THE CALENDAR](#)



The 35th PIANC World Congress will take place in Cape Town, South Africa from 29 April to 3 May 2024. The theme of the Congress will be 'Future Ready Waterborne Transport - Unlocking Africa'.

The Call for Abstracts is now open, you can submit your abstract until 20 July 2023.

More information on the PIANC World Congress can be found at <https://www.piancworldcongress2024.co.za> and you can also download the First Announcement [here](#).

[Download the Call for Abstracts](#)

NEWS FROM YP-COM

Will PIANC YP-Com Come Back to Normal?! In-Person Meeting at the BTV in Fort Lauderdale, USA

After several delays due to the Pandemic, the YP-Com Biennial Technical Visit (BTV) finally got organised in the United States in Fort Lauderdale in April 2023 as a parallel event of the PIANC America 2023 Conference. Young Professionals from Japan, India, Belgium, the Netherlands, Argentina, Austria, Germany, Norway, Brazil, UK and Korea joined their U.S. colleagues.

The BTV included a snorkeling trip to the coral reefs, a visit of the Port Everglades, the F3's Marina Fort Lauderdale Dry Stacked Storage, as well as a PIANC YP-Com technical presentation session. The conference closed on 28 April with the on-site YP-Delegates meeting, including insights from Burton Suedel (Chairman-elect of EnviCom) and Esteban Biondi (Chairman of RecCom). We were all very

much looking forward to this exciting event and will give some more details on the BTV in the next newsletter!



To all YP's and potential observers/ interested delegate newcomers please note the following Commission meetings: 42nd Delegates meeting on Friday 13 October 2023 from 13:00 to 15:00hrs (online).

1st PIANC and YP-Event in India

On 5 April 2023, a one-day workshop on 'The Marine Fenders Workshop: Insights into the Latest Developments and the Upcoming PIANC WG 211 Guidelines' took place as a first joint YP and PIANC event in India.

Upcoming YP Events in 2023

Young Professional Days in Yacyretá, Argentina/Brazil/Paraguay

- Tentative date: end of June
- Programme: visit to the Yacyretá and Itaipu dams and lock, including a visit to the Aña Cuá Expansion Project's construction works and technical presentations on inland navigation and the Itaipu new lock project.

Congress of the Young Professionals of the Spanish section of PIANC

- Location: Port of Algeciras

- Date: June 2023

3rd PIANC Korea YP Research Presentation Competition

- Location: open
- Date: November 2023

3rd PIANC Korea YP Research Presentation Competition

- Location: open
- Date: November 2023

Nomination of New YP-Observers in EnviCom and CoCom:



*Thiago Correa
(Ramboll, Brazil)*



*Jose Calatayud
(INCREA, Spain)*

Secretary of PIANC YP-Com
Anja Brüning

NEWS FROM THE PIANC COMMUNITY



News from PIANC Germany

PIANC and the German Port Technology Association (HTG) Held Their First Joint Virtual Event

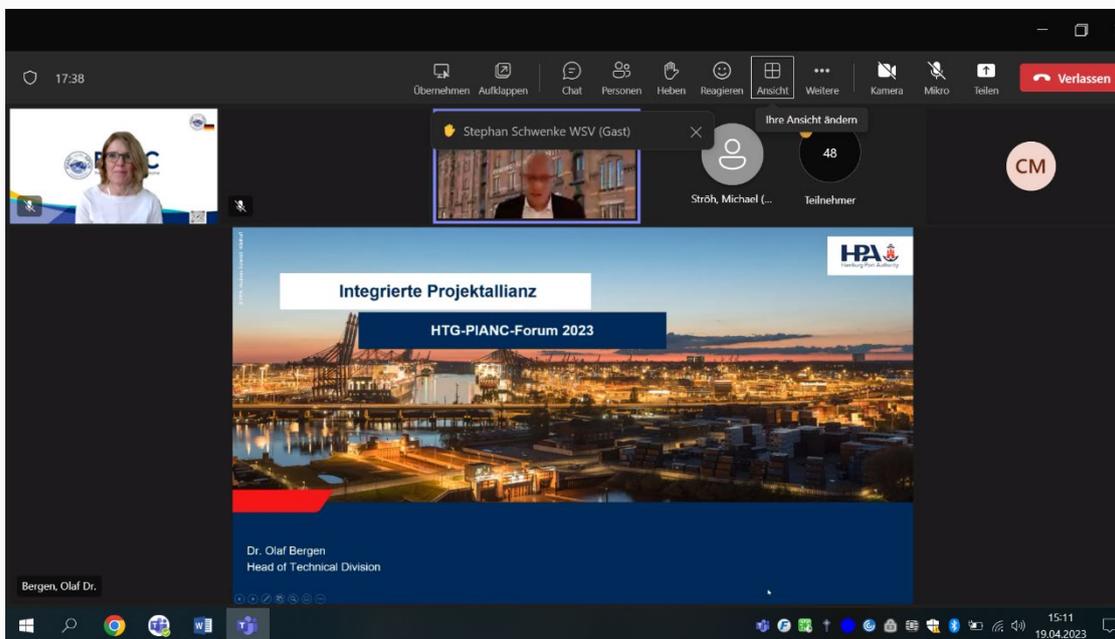
At the end of last year, PIANC and HTG signed the Agreement on Mutual Membership. Like PIANC, the HTG also uses its expertise to support the technological development of the waterways, ports and shipping and offers its members an interdisciplinary exchange of experience and cooperation in the field

of technology and science - at national level. The signing has laid the foundation for informed knowledge management and the direct exchange of experts within the two industry associations. It is the first visible result of this cooperation agreement between the two organisations.

On 19 April 2023, PIANC Germany and HTG held their first joint event as a virtual meeting with 56 participants on 'Integrated Project Delivery (IPD) - Where do we stand in 2023?'. First, Dr. Olaf Bergen from the Hamburg Port Authority (HPA), held an opening statement by the on experiences with IPD projects. After that, Mr Kenneth Willems from Vuentica BV gave a motivating overview on PIANC WG 194 on 'Early Contractor Involvement'. Sebastian Schulz from Lumico GmbH presented on the current status of IPD in Germany.

The discussion afterwards showed that IPD is more than interesting for all participants. Mr Klingen from HTG closed the session and indicated that this exchange is very valuable and will be continued.

All information to this meeting will be published on the [website of PIANC Germany](#).



Carolyn Moritz
PIANC Germany



News from PIANC South Africa

PIANC RSA Site visit to AMP Saldanha Mill

PIANC RSA and ArcelorMittal Projects (AMP) hosted a site visit to the AMP mill in Saldanha on Friday 14 April 2023. It was the first visit from industry representatives to the new production facility.

The day began with a welcoming session and safety induction before the production process was explained by the mill manager. From there a tour of the production floor was provided where we witnessed the rolling process of a 1220-mm (Dia)/12-mm (thick)/X65/8-m long pipe. We also witnessed the quality certification process that goes with the 'birth of a new pipe'. We then proceeded with a walk-about of the outside storage yard to observe safe ways to store/stack the products. The storage yard caters for both tubes and sheet piles for their SADC operations. We heard a few entertaining stories of logistical transport challenges that AMP was involved in, even getting quotes for delivering tubes by plane!

PIANC members had the opportunity to ask questions, with one question being asked a few times: Is there a difference between longitudinal vs spiral welded pipes that should be considered for piled marine infrastructure construction? AMP shared a research paper by professor A.M. (No) Gresnigt (Delf University), coordinator of the research project called COMBITUBE, where the conclusion is that “there is no indication that spirally welded pipes behave different than longitudinally welded pipes”.



PIANC site visit attendees in the AMP storage yard

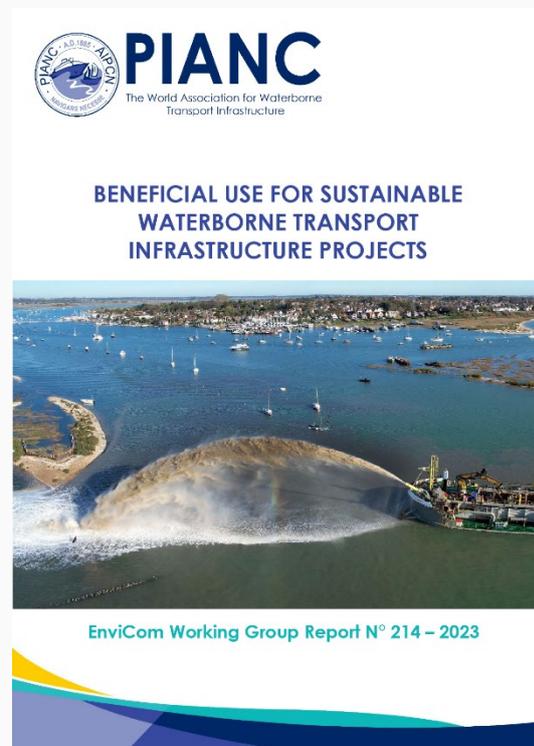
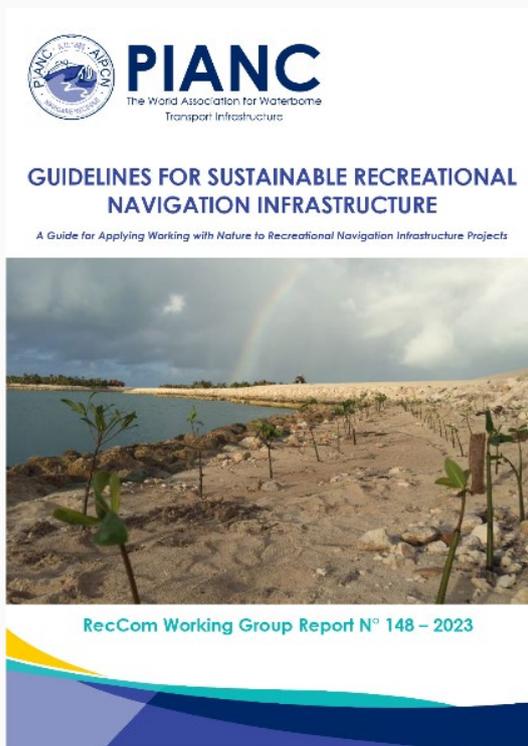
The day was concluded with a lunch where we could interact with colleagues who we have not seen face to face for a while. Thank you to AMP for hosting PIANC RSA for the day.

PUBLICATIONS

Just Shipped

The following publications were published in April 2023:

- WG 148 (RecCom): 'Guidelines for Sustainable Recreational Navigation Infrastructure - A Guide for Applying Working with Nature to Recreational Navigation Infrastructure Projects'
- WG 214 (EnviCom): 'Beneficial Use for Sustainable Waterborne Transport Infrastructure Projects'



Note on the publication of PIANC WG 148

'Guidelines for Sustainable Recreational Navigation Infrastructure'

"Recreational navigation and its infrastructure (RNI) development can [...] support sustainable tourism and recreation, add value to environmental restoration projects, and even support marine and coastal habitat conservation programs."

Taking a multifunctional, comprehensive, and inclusive approach to proactive RNI design, based around the Working with Nature philosophy, this report outlines arguments and implementation guidance for more socially and environmentally responsible planning. In addition to experience-based recommendations and

innovative approaches to environmental and social sustainability for marinas, it outlines resilience, climate adaptation and climate mitigation considerations within the WwN framework, which can also be useful for small organizations responsible of navigation transport infrastructure.

Suitable for industry professionals from designers and managers to policy analysts, this topical report provides guidance for developing sustainable navigation infrastructure for recreation and tourism.

Publications Pipeline

The following publications will be published in May/June 2023:

- WG 199 (InCom): 'Health Monitoring of Port and Waterways Structures'
- PIANC Yearbook 2022
- WG 212 (MarCom): 'Criteria for Acceptable Movement of Ships at Berths'

Save money by becoming a member of PIANC and download ALL PIANC publications FOR FREE from the Members Only portal!

[Join PIANC](#)

PIANC WORKING GROUP VACANCIES

We want you on the PIANC team!

We invite our members to submit their candidacy for the following newly created Working Group:



PIANC

The World Association for Waterborne
Transport Infrastructure

RELAUNCH WORKING GROUP | VACANCY

EnviCom WG 170:

'Best Practices of how to deal with sea turtles and mammals in marine
waterway and port construction activities'

Interested in becoming a member of this Working Group?
Contact your National Section or PIANC HQ at info@pianc.org
in case your country doesn't have a National Section.



Download Terms of Reference
bit.ly/3U4tXzH

www.pianc.org

Submit your candidacy to your National Section before 31 May 2023!
In case your country doesn't have a National Section, please contact PIANC
HQ at info@pianc.org.

NEWS FROM PIANC'S PLATINUM PARTNERS

Our Platinum Partners are:



PIANC Platinum Partners Trelleborg and IRM Raise Awareness of Design Standards for Fenders

Trelleborg Marine and Infrastructure and IRM Offshore Marine and Engineers Pvt. Ltd. co-hosted a comprehensive one-day workshop in Mumbai, India, to discuss different aspects of Fender Systems Designs and the progress of the upcoming PIANC WG 211 report.

The full-day workshop brought together over 50 port owners, consultants, and contractors, ranging from

young to experienced engineers, designers, and consultants. Speakers from PIANC, IRM, and Trelleborg Marine and Infrastructure shared insights into a variety of topics.

As part of the opening session, H. N. Aswath, Secretary of PIANC India, provided attendees with a brief rundown of PIANC India and its activities. Following this, Jack Lee Vun Zac, YP-Com Vice-Chair, spoke about the organisation's commitment to developing and inspiring the next generation of waterborne transport professionals.

Amit Madan, Paul Welling, Marco Gaal, and Mishra Koushik Kumar – both members of WG 211 – spoke on topics ranging from Trelleborg's expertise in fenders, fender testing as per the PIANC WG 211 guidelines, berthing energy calculations, and inverted cone fenders.

Sony Thomas, the Director of Marketing & Operations at IRM Offshore and Marine Engineers, highlighted the company's capabilities, while Sujit Kumar Dutta, General Manager – Technical for IRM Offshore and Marine Engineers, discussed Fender processing and evaluation.

After the presentations, a Q&A session was arranged to give attendees an opportunity to have their queries answered. During the discussion, several consultants also expressed interest in sustainable fendering solutions for upcoming projects in India.

The event was a resounding success as it brought numerous stakeholders together and reinforced the importance of the PIANC guidelines to ensure best practices for fender systems design.

Jyothi Venugopal
Marketing Executive

NEWS FROM PIANC'S SISTER ASSOCIATIONS

Our Sister Associations are:



News from IAHR

40th IAHR World Congress – Latest Updates



The 40th IAHR World Congress, to be held in Vienna, Austria, from 21 to 25 August 2023, will be an important and unique opportunity to meet, share and discuss recent advances and experiences, identify innovative and emerging trends in hydro-environmental science and engineering, and get inspired.

Latest Updates

IAHR Online Short Course on Perspectives on Two-phase Flows in Urban Water Systems

Sponsored by: **BECHTEL**

IAHR ONLINE SHORT COURSE

Perspectives on Two-phase Flows in Urban Water Systems

Prof. Jose Vasconcelos
Auburn University, USA

Prof. David Zhu
Ningbo University, China

Prof. Bryan Karney
University of Toronto, Canada

Prof. Musandji Fuamba
Ecole Polytech. Montreal, Canada

Prof. Helena Ramos
IST, CERIS, Univ. Lisbon, Portugal

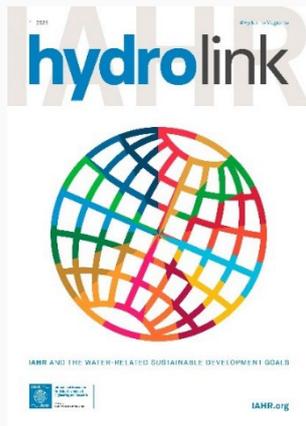
Prof. Arturo Leon
Florida International University, USA

#iahrLearning

8-10 May 2023

IAHR.org

Organised by the IAHR Working Group on Transient Flows in collaboration with the Environmental & Water Resources Institute (EWRI-ASCE), the course, which takes place on 8-10 May 2023, presents various practical contexts of hydraulic systems and structures that are present in the urban environment that are characterised by interactions between air and water phases. Click [here](#) for more information.



Hydrolink Magazine: IAHR and the Water-Related Sustainable Development Goals

The latest issue of [IAHR's Hydrolink Magazine](#) focuses on water-related Sustainable Development Goals (SDGs) and includes articles from the leadership of four IAHR Technical Committees that discuss the contributions of their work to these goals.

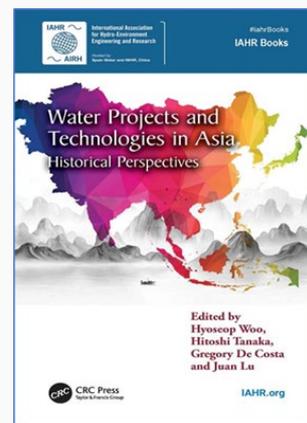
Access the Magazine for free [here](#).

New IAHR Book: Water Projects and Technologies in Asia

By Hyoseop Woo, Hitoshi Tanaka, Gregory De Costa, Juan Lu.

This new IAHR Book is a collection of highly refined articles on the historical water projects and traditional water technologies of international interest in the Asian regions, addressing information on past water projects (mostly before the 20th century) that are technically and culturally of interest and educationally valuable.

For more information, please click [here](#).



Pilar González
Communications and Marketing
Manager IAHR

ON THE CALENDAR

Mark your calendar for these upcoming PIANC events:

- **PIANC AGA 2023 | 24-26 May 2023 | Oslo, Norway | All Delegates have received all necessary information!**
- **PIANC-COPEDEC X 2023 | 9-13 October 2023 | Manila, Philippines | <https://www.pianc-copedec2020.org> | Submission of Abstracts is closed!**
- **PIANC Mediterranean Days 2023 | 26-27 October 2023 | Port de Sète, France | <https://aipcn.fr> | Submission of Abstracts is closed!**

- **35th PIANC World Congress 2024 | 29 April-3 May 2024 | Cape Town, South Africa** | <https://piancworldcongress2024.co.za> |
Submit your abstract until on 20 July 2023!



Copyright © PIANC 2023, All rights reserved.

Our mailing address is:

info@pianc.org

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#).