



PIANC
The World Association for Waterborne
Transport Infrastructure

Sailing Ahead

JUNE 2024

Dear PIANC friends and colleagues,

For many of us, the start of July also marks the start of the summer holidays. After these first six months of the year 2024, we can already look back at some very busy and fruitful months filled with plenty of PIANC activities and events!

However, there is more to follow, so mark your calendar for our upcoming activities and come and join us!

In this newsletter, you will find the usual overview of our past activities, our new publications and publication pipeline, as well as a call for no less than 4 new PIANC Working Groups, so come and join our very dedicated teams!

Finally, besides our [LinkedIn](#) and [X](#) accounts, you can now also follow us on [Instagram](#) and [Facebook](#), where will also keep you up to date about PIANC's latest news!

For those taking a summer break away from the office, enjoy the holidays!
We hope you enjoy reading this issue of 'Sailing Ahead'.

GEERT VAN CAPPELLEN
Secretary-General of PIANC

SIGN UP FOR THE PIANC DE PAEPE-WILLEMS AWARD 2025

It's that time of the year again! Are you a Young Professional under the age of 40, take your chance and sign up for the prestigious PIANC De Paepe-Willems Award 2025!

- The deadline for sending in abstracts for the PIANC DPWA) 2024 will be 31 August 2024
- Full papers are expected at the latest by 30 September 2024

The Award consists of 3 prizes:

1st prize:

- € 4,000
- Free membership of PIANC for a 3-year period
- Free hotel accommodation for 3 nights will be provided, as well as a payment of travel expenses in economy class to the AGA. The winner will be invited to present his/her paper at the Annual General Assembly (AGA) of PIANC in Busan, South Korea on 15 May 2025.

2nd prize:

- € 2,000
- Free membership of PIANC for a 1-year period

3rd prize:

- € 1,000
- Free membership of PIANC for a 1-year period

The Award will be granted to those candidates who submit the most outstanding paper selected by the jury in the calendar year preceding the General Assembly at which the Award is granted.

In case of co-authorship, the Award will be granted to the principal author of the paper.

More information, as well as the submission form can be found at <https://www.pianc.org/award/de-paepe-willems-award/>. The PIANC-DPWA Rules & Criteria can be found at [here](#). Want to learn about previous winners' experiences? Please click [here](#) to read some testimonials!

We kindly ask you to distribute this message among your Young Professionals.

UPCOMING PIANC EVENTS - REGISTRATION OPEN!

PIANC-IADC CONFERENCE IN HO CHI MINH CITY, VIETNAM - 17-18 OCTOBER 2024

Registration is open for the PIANC-IADC Conference on 'Integrating Dredging in Sustainable Development', which will take place on 17-18 October 2024 in Ho Chi Minh City, Vietnam.

Discover how to build marine infrastructure sustainably. Engage with experts on sustainable dredging projects, climate change, and 'Working/Building with Nature'.

More information & registration at <https://www.vietnamconference2024.com>.



PIANC-SMART RIVERS CONFERENCE IN MEMPHIS, TENNESSEE - 8-12 SEPTEMBER 2025



Register for this new edition of the successful PIANC-SMART Rivers Conferences! This edition will celebrate industry innovations, best design principles, and sustainable and resilient solutions, while also shining a light on the history, culture and communities that have shaped the success of our inland waterway systems.

We already want to give you a heads up by informing you that the [Call for Abstracts](#) will open on 30 June, so stay tuned and submit your abstract!

More information on PIANC-SMART Rivers 2025 can be found in this [Conference Brochure](#). Also, should you be interested in becoming a sponsor at this event, please download the [Sponsorship Brochure](#)!

NEWS FROM YP-COM



We are looking for candidates with enthusiasm and a drive for connecting people across their continents. The ideal candidates should be able to communicate in English fluently and have the support of their employer or be able to find ways of funding their travel to regional and/or international PIANC events.

The new Vice-Chairs will formally succeed Mr Jack Lee Vun Zac and Mr Antonio Gomez at the occasion of the 44th YP-Com Delegates Meeting on 17 October 2024. A board member of a Commission is appointed for a term of four years and can be reappointed for a maximum of two additional terms of four years.

May we kindly invite you to share this call for candidates with whoever may be interested and forward candidacies for the position to [Anja Bruning](mailto:anjabruning@pianc-transporte.de) before 30 September 2024.

Please note:

- Proposals should be submitted by your PIANC National Section or a Qualifying Member, along with a motivation letter and the candidate's CV. If your country does not have a PIANC National Section or Qualifying Membership, you may submit the proposal yourself.
- The candidate should not have reached the age of 40 years before starting their mandate.

If you have any further questions, please feel free to reach out to us. We look forward to your responses.

ANNOUNCEMENT OF THE 44th YP-COM DELEGATES MEETING

To all YP's and potential observers/interested delegate newcomers please note the following Commission meeting:

- 44th Delegates meeting - Thursday, 17 October 2024 - 13:00 to 15:00hrs UTC (online)

If you are interested or know someone who might be interested to join, please reach out to us!

PAST PIANC YP-EVENTS

Reflection on the 35th PIANC World Congress 2024 by Kaylen Saman



We as YP-Com Board are thrilled that we had Kaylen as our first point of contact in South Africa to be in charge of facilitating all the organisational hurdles coming up with such an enormous event. Therefore, again a big THANK YOU! Please have a look at his great resume on being part of the Local Organising Committee and his impressions as a newcomer to the PIANC family!

[Reflection on the 35th PIANC World Congress 2024 | LinkedIn](#)

UPCOMING YP-EVENTS IN 2025

Biennial Technical Visit 2025 - 14-15 May 2025 in Busan, Korea

We are excited to announce that the upcoming BTV 2025 will be hosted parallel to the AGA 2025 in Busan Korea! The Biennial Technical Visit is the 'Signature Event' of all PIANC Young Professionals and reaches out to everyone who is interested to connect to our Network alongside exciting insights into the field of Waterborne Transport.



We are reaching out to newcomers and young professionals in the business, offering free participation in this event thanks to the support of sponsors from the PIANC Korea. However, spots are limited, so please stay tuned for registration.

We are also calling for BTV sponsors! If you're interested in sponsoring, please contact our organizing committee ([Hyun Dong Kim](#)) to discuss available sponsorship packages.

Furthermore, we would kindly ask you to support our efforts by promoting this event and encouraging everyone < 40 years to attend this next edition!

Anja Brüning
Secretary of PIANC YP-Com

NEWS FROM THE PERMANENT TASK GROUP ON CLIMATE CHANGE (PTG CC)

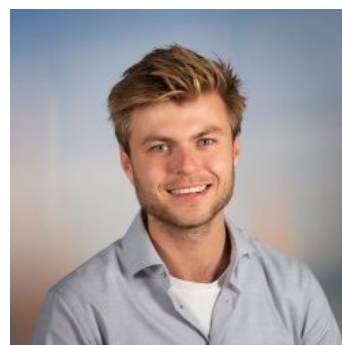
PTG CC IS WELCOMING NEW MEMBERS

Following our recent call for new subject matter experts, PTG CC is in the process of appointing a few new members. First off, we extend a very warm welcome to Gerson Bastos, from Chile, who brings expertise in energy transition and decarbonisation.



Gerson is Ausenco's energy transition lead with over 17 years of experience, specialising in electrification and decarbonisation in the mining and metals industry. He is passionate about energy transition, electromobility and innovation. He's currently working on multimodal transport and logistics projects to deliver copper concentrates from the Andes mountain chain to ports in Chile and Argentina.

Our second new member is YP Ruben Visser. Ruben brings climate finance and economics skills to PTGCC. He has a background in coastal engineering, and works for Van Oord, a large marine contractor, where he is involved in the climate adaptation team. Here, they assess coastlines worldwide that are most vulnerable to climate change and collaborate with governments to develop sustainable projects. Ruben's aim is to create initiatives based on the Building with Nature principle, ensuring they have a long-lasting, positive impact on the environment. He highlights that he is happy to be part of the PIANC family and hopes to see you soon!



Jan Brooke
PTG CC Chair

PTG CC AT THE RIM MARITIME ENGINEERING MEETINGS IN CAEN, FRANCE

On 18-20 June 2024, Jan Brooke, PTG CC Chair, was delighted to join the PIANC President and other PIANC colleagues at the RIM Maritime Engineering Meetings in Caen, France. Organised by BUILDERS École d'ingénieurs and Cerema, and supported by PIANC France, this 2nd edition of the RIM brought together project owners, engineers, companies, academia and students. Jan gave a keynote on the theme 'Working with Nature to deliver Climate Change Adaptation'. A Round Table discussion then explored how to address biodiversity loss as part of engineering projects. Other Round Table discussions covered the ecological transition of blue economy activities, and financing, insuring and contracting innovative solutions for climate change and decarbonisation challenges, etc. A well-attended, informative and thoroughly enjoyable meeting: congratulations to BUILDERS École d'ingénieurs and other French colleagues for organising, and to all the speakers and participants.

Jan Brooke
PTG CC Chair

NEWS FROM THE PIANC COMMUNITY

Some of our National Sections or national divisions have news to share on their past and upcoming activities. Please click on the country logo for some local news from our PIANC National Sections!



PIANC Germany



PIANC Portugal



PIANC Spain



PIANC UK



PIANC USA



PIANC in Malaysia

PIANC VICE-PRESIDENT CALVIN CREECH AT THE ORGANIZATION OF AMERICAN STATES XIV PRIVATE SECTOR FORUM

On 25 June 2024, PIANC Vice-President Calvin Creech discussed the importance of regional integration of inland waterways at the Organization of American States XIV Private Sector Forum

of the Americas in Asunción, Paraguay. The theme of the forum was 'United for the Future: Integration and Development', and Vice-President Creech discussed how the development and integration of the inland waterway system in South America - especially the Paraguay-Paraná inland waterway system - has immense economic, social, and environmental advantages over other modes of transportation.

This event was organised as part of the Organization of American States General Assembly, and included themes of public-private-partnerships, innovation, applications of artificial intelligence, governance, and sustainability.



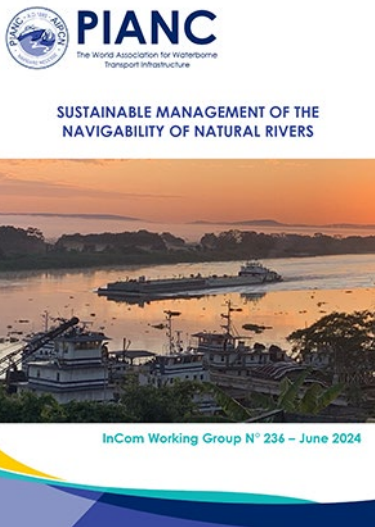
PIANC is providing technical guidance that aligns with the Paraguay-Paraná inland waterway development project including WG 201 - 'Framework for an Inland Waterway Classification in South America', published in 2020 and the WG 236 - 'Sustainable Management of the Navigability of Natural Rivers', which has been published earlier this month.

Calvin Creech
Vice-President of PIANC

PUBLICATIONS

JUST SHIPPED

The following publication was released in June 2024:



WG 236 (InCom): ['Sustainable Management of the Navigability of Natural Rivers'](#)

COMING UP

The following publications will be released in July/August 2024:

- PTG CC Technical Note No. 2: '[Climate Change Costs to Ports and Waterways: Scoping the Business Case Assessment for Investment in Adaptation](#)'
- WG 224 (MarCom): 'Planning of Fishing Ports'*

**WG 224 is a comprehensive update of WG 18 (1998), more than 25 years ago and expands the text significantly with 181 main pages plus 113 appendices (case studies, further details) compared to 54 pages before.*

It provides an update on previous sections on fishery resources, planning, technology, use of IT and auction halls and adds new chapters on disaster resilience and maintenance. Examples and images are included for illustration, with detailed planning guidance on unique fishing port related aspects such as fishing vessel types and requirements, auction halls, ice making facilities, other specific technical requirements as well as the food chain implications. The document is intended to cover both new fishing ports as well as updates/improvements to existing fishing ports.

[Click here to find our latest publications!](#)

[Save money and click here to join PIANC and download ALL PIANC publications FOR FREE from the Members Only portal!](#)

NEW PIANC WORKING GROUPS - CALL FOR MEMBERS

PIANC InCom & MarCom are looking for your expertise in one of their newly created WGs!
Interested? Submit your candidacy to your National Section or to info@pianc.org in case your country doesn't have a National Section by **31 July 2024**.

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NEW WORKING GROUP | VACANCY

InCom WG 258:
'Design of Flexible Loading and Unloading Facilities for IW Natural Rivers'

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.

<https://bit.ly/rd16x0j>

www.pianc.org

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NEW WORKING GROUP | VACANCY

MarCom WG 259:
'CLIMATE RESILIENCE GUIDE FOR PORTS'

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.

<https://bit.ly/3xbFuk8>

www.pianc.org



NEWS FROM OUR PLATINUM PARTNERS

NEWS FROM PORTOS DO PARANÁ

Portos do Paraná (Paraná Port Authority) Navigation Channel Optimization Using Natural Depths and Full Mission Simulators

With a navigation channel of 48.6 km of length, 24 berths and an average of 13.5 manoeuvres per day, the port authority of the state of Paraná, Brazil (Portos do Paraná), had recently published its new guidelines of shipping traffic considering an optimisation of the one-way channel to two-way by using areas with sufficient natural depths and studies with full mission simulators.

Portos do Paraná channel is located at the delta of the city of Paranaguá and is characterised by a one-way channel with depths maintained up to 16 metres. Since a considerable quantity of the daily maneuvers are done using the high tides to allow ships with higher draughts and the fact that the navigation along the channel is time consuming, Portos do Paraná, in cooperation with the local Pilots, Navy, port operators and the Numerical Offshore Tank Laboratory of the University of São Paulo - TPN-USP, developed a study to optimize its navigation by creating sections of two-way navigation, allowing certain ships to cross and reduce the waiting delay of the Port.

The scope of the studies consisted in evaluating four different areas of the channel with sufficient natural depths by applying PIANC WG 121 - 'Harbour Approach Channels - Design Guidelines' (2014) and real-time simulations. Initially, the ships and cases to be studied were defined, and the modelling of the environmental conditions was created. Also, the aids to navigation needed to be shifted to create room for the maneuvers, respecting the natural depths and required UKC.

Click [here](#) to read the full technical article.

João Luiz Jardim Vila Verde

Portos do Paraná

NEWS FROM TOA CORPORATION

Since 2015, TOA CORPORATION has been a dedicated member of PIANC, regularly participating in its events and activities. Recently, we decided to elevate our commitment by becoming PIANC's Platinum Partner. This prestigious partnership provides us with more access to the myriad benefits that PIANC offers. We believe that becoming Platinum Partner of PIANC will not only provide us opportunities to share our technical expertise but will also greatly improve our proficiency in the construction of water transportation infrastructure facilities.

Please click [here](#) to find an overview of TOA's global presence, as well as TOA's involvement in PIANC events and activities.

Joyce Bartolomé
TOA CORPORATION

PIANC'S PLATINUM PARTNERS ARE:



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