NOVEMBER/DECEMBER 2021

So here we are in already the final month of 2021! In spite of the Covid-19 pandemic still preventing us from picking up our businesses as usual, we can look back at a year full of PIANC activities. Slowly yet surely, we are 'sailing the virtual rivers' and we are meeting up through the worldwide web more and more!

In the course of November, we presented two of our recent InCom publications in two very interesting webinars. But not only the people from InCom took the virtual road, YP-Com also very successfully organised its very first PIANC YP-Com International Virtual Event. You can read all about these events in this newsletter!

And it doesn't end there! On 10 December 2021, the people from InCom WG 198 will organise their webinar on 'Saltwater Intrusion Mitigation in Inland Waterways'. Please sign up here and download the flyer to find out all there is to know about this free webinar!

Enjoy reading this issue of 'Sailing Ahead'. In this last issue of the year, we wish you a nice and above all healthy closure of 2021 and we look forward to seeing you again virtually or face-to-face in 2022! Stay safe!

NEWS FROM EXCOM AND COUNCIL

ExCom Meeting 2021-4 on 13 October 2021

On 13 October 2021, the ExCom met up virtually again during its 4th meeting of the year. As usual, the ExCom members ran through the list of Action Points and discussed PIANC's finances.

Among the Commission items, the status of PIANC Working Group reports was reviewed and the Commission Chairs gave an overview of the recent activities of their Commission.

PIANC former Vice-President, Mr Tore Lundestad (Norway), treated the ExCom members to an interesting presentation on the UN Development Goals. The ExCom members discussed these goals and how to implement them in a better way into PIANC's daily functioning. Mr Esteban Lefler thanked Mr
Lundestad for his contribution and confirmed PIANC should indeed undertake more efforts in order to meet these very important goals.

The ExCom members also went through the list of upcoming international activities, such as the NordPIANC meeting in Akureyri (Iceland), the PIANC AGA 2022 (PIANC is still looking for a host country!), ICOPMAS 2022 in Tehran (Iran), PIANC-SMART Rivers 2022 in Nanjing (China), PIANC-COPEDEC X in Manila (Philippines), the PIANC Americas Regional Conference 2023 in Fort Lauderdale (USA), the 35th PIANC World Congress 2024 in South Africa, as well as the 4 planned upcoming PIANC YP-Com and InCom webinars (November-December 2021). As the Covid-19 pandemic unfortunately is not over yet, for many of the PIANC events it will depend on the situation whether they will be allowed to take place either physically, virtually or in a hybrid way.

Under 'Any Other Business', the ExCom members discussed the changes to Article 66 of PIANC's Rules & Regulations, the new PIANC office building, as well as the appointment of the PIANC De Paepe-Willems Award 2022 jury, which will be chaired by PIANC Vice-President Valérie Chabrier. Besides that, Mr Esteban Lefler reminded the meeting about the Strategic Plan 2024-2028, which will need to be drafted.

The next ExCom meeting will take place on 3 February 2022. Given the fact that in Belgium, the fourth Covid-19 wave is fully underway and that the Belgian government has imposed several restrictions which will be in effect until 28 January 2022, the situation is not as favourable as initially thought to hold physical meetings. HQ will send an update of the situation during the first week of January and if there are important developments in the meantime, everyone will be informed as soon as possible.

85th Council Meeting on 20 October 2021

The 85th Council Meeting took place virtually on 20 October 2021 and was attended by around 55 PIANC delegates from all over the globe. Mr Esteban Lefler welcomed the Council members to yet another virtual meeting and said he hoped that a physical meeting will be possible again very soon. However, the situation for the PIANC winter meetings is not as favourable as initially thought to hold physical meetings (see news from ExCom, last paragraph), so we will have to wait for further news on this side.

The Council discussed the changes to Articles 16 and 66 to the PIANC Rules & Regulations, as well as PIANC's finances. And like during the ExCom meeting, also the upcoming international activities were discussed, mainly in the light of the current Covid-19 pandemic.
The Council members also discussed the status of the PIANC membership, as well as the new membership software. Furthermore, Mrs Pahl, Chairperson of ProCom, informed the Council that ProCom is preparing a page on the SharePoint listing all different items that ProCom has been working on (guidelines on the use of the PIANC logo, guidelines and templates, copyright document, etc.). Moreover, ProCom is working on an alignment of the PIANC house style: one uniform style will be created for all PIANC documents.

Mr Esteban Lefler mentioned that the draft for the workflow of PIANC Working Groups was presented during the last Council meeting. He received some suggestions from France and Germany, which were incorporated into the chart. Moreover, he integrated the work from ProCom related to WG-support. The document is a living document which is open for other suggestions, so Mr Esteban Lefler invites everyone to come up with suggestions/remarks.

PIANC WEBINAR NEWS

South American Waterways Conference - PIANC WG 201: ‘Framework for a Classification of Inland Waterways in South America’

Organised by the United Nations Economic Commission for Latin America and the Caribbean (ECLAC) and the International Association for Waterborne Transport Infrastructure (PIANC), the 'South American Waterways Conference' was held on 8 November 2021, to present PIANC WG 201 - 'Framework for a Classification of Inland Waterways in South America', as well as to present the progress of a new study on river integration in South America.
The South America river network is extensive and consists of some of the largest river basins in the world. However, despite these natural features, inland navigation is under-utilised and still plays a marginal role in the transport of commercial goods in the region. According to the European experience, with the support of PIANC, having a classification system is a very valuable tool for infrastructure investments and better utilisation of inland waterways.

South America has not yet fully exploited its extensive inland waterway system; there is much potential to better integrate inland navigation into the region's transport network in order to meet the growing demand for freight and passenger transport. Although international cargo transported by inland waterways have increased over the last decade, this mode of transport accounts for less than one percent of the volumes of cargo transported internationally.

A common inland waterway classification for South America could be a tool to support the development of inland navigation in the region. For this reason, the national authorities of the South American countries were invited to participate in this high-level meeting, to present the 'PIANC WG 201 - Framework for a Classification of Inland Waterways in South America', and the progress of a new study on inland waterway integration in South America. In addition, there were comments from National Authorities regarding the importance of the main subject of the presented study, and also their personal opinions. In total, 103 people participated in the event, from 17 nationalities. With reference to South America, they were national authorities and experts on the subject from Argentina, Bolivia, Brazil, Chile, Colombia, Panama, Paraguay and Peru.

For the opening, we were welcomed by Mr Mario Castillo, Director of the International Trade and Integration Division, we also counted with the presence of Mr Ricardo Sánchez, Senior Economic Affairs Officer of the Infrastructure Services Unit of the Trade and Integration Division of ECLAC and Mr Francisco Esteban Lefler, President of PIANC.

The first presentation was delivered by Mr Juan Carlos Paz from the Republic of Peru, ECLAC consultant, in which the progress of the report on river integration in South America was presented.

The second presentation of the day, under the theme ‘Report WG 201 - Framework for a Classification of Inland Waterways in South America’, was presented by Mr Calvin Creech, Consultant, PIANC.

Before the closing remarks given by Mr Ricardo Sánchez from ECLAC & Mr Philippe Rigo from PIANC (Co-Chairs of PIANC/ECLAC WG 201), a space was opened for the audience to comment and debate on the topic of classification and river integration in South America and/or in their respective country. There was a lot of interest and positive reception to what was presented during the conference.

The main lesson of the ‘South American Waterways Conference’ is that a united and integrated South America can achieve common goals that will be beneficial to all countries and their populations, and that together, we can develop inland waterways and make this mode of transport more efficient and
1st PIANC YP-Com International Virtual Event 2021

The 1st PIANC YP-Com International Virtual Event 2021 took place on 16-17 November 2021. Organised and moderated by Sebastian Iglesias (Co-Chair YP-Com), Bianca Borca (Austria), Heather Houston (UK), Rocío Lopez Velasco (USA, Spain) and Jack Lee Yun Zac (Malaysia), the event was a great success and attracted over 120 participants from all over the globe on each day. During the breaks, a virtual networking session was also set up where the participants were able to find each other in different chat rooms or just have a talk in the virtual coffee room!

On the first day of the event, PIANC President Francisco Esteban Lefler welcomed the participants in his introduction. Closing words came from Mrs Eslie Vrolijk, Chairperson of YP-Com. On the next day, the order was reversed and Mrs Vrolijk opened the event while Mr Esteban Lefler said the closing words.

Please click here to get a full overview of the programme again in the event flyer.

If you would like to watch the recordings of the webinar, you can find the links here:

- **Day 1 - 16 November**
- **Day 2 - 17 November**

A huge thanks to all the people who helped setting up this very successful event, which will hopefull be continued in the future!

PIANC Webinar on WG 197 - ‘Developing Small Hydro on Inland Navigations’

Four speakers gave some very interesting insights on PIANC WG 197 - ‘Developing Small Hydro on Inland Navigations’. Speaker/moderator and Chairman of WG 197, Mr Nicholas Crosby, opened the meeting and also gave a presentation. Furthermore, he gave the floor to Mr Sebastien Ericum, Mr Austin Flather and Mr Ian White, who in their turn all gave interesting presentations on different topics addressed in the report. Please click on the image on the left to find the full programme of the webinar.

If you would like to watch the recordings of the webinar, please go to [https://youtu.be/V0jJ5QRgIIM](https://youtu.be/V0jJ5QRgIIM).
PIANC Webinar on WG 191 - 'Composites for Hydraulic Structures'

The webinar on PIANC WG 191 - 'Composites for Hydraulic Structures' was organised on 29-30 November 2021. Around 130 persons attended the session on day 1 of the webinar. On the second day, we counted more than 100 attendees.

The webinar was very well prepared and moderated by Mr Philippe Rigo (PIANC InCom Chairman), Mr Hota Gangarao (Chairman of PIANC WG 191), Mr John Clarkson (USACE, PIANC InCom) and not in the least by Mr Ray Liang (Editor of PIANC WG 191 Report and Chief Editor America, Sustainable Structures Journal). For a complete overview of the programme, please click here.

After each presentation, the speakers and moderators welcomed several questions from the audience and at the end of day 2, a panel discussion took place. All presentations will soon be bundled and offered as proceedings on the PIANC website. The recordings of the webinar will be put on the PIANC YouTube channel shortly.

NEWS FROM MARCOM

Save the Date! MarCom Webinar Scheduled for the New Year

A trio of interesting presentations are being organised for the early part of 2022. Subjects to include will be an introduction to the WG 208 - 'Automation of Container Terminals' report, published earlier this year, and an update on the drafting of WG 211 - 'Guidelines for the Design of Fender Systems'. The programmes and registration page are being finalised and they will be put on the PIANC website soon.

Update on WG 235 - ‘Vessel Data for Port Planning and Design’

The purpose of this Working Group is to create a single source of vessel data and dimensions for all PIANC guidelines and support data for port planning and design. It will be in a format suitable for updating and expanding on an as needed basis. It is intended to cover ocean-going vessels only.

The types of oceangoing vessels covered will be:

- Oil and product tankers
• Chemical tankers  
• LNG and LPG gas carriers  
• Container ships  
• General cargo ships  
• Specialist cargo ships  
• Refrigerated cargo carriers  
• Car carriers  
• RoRo and RoPax ships  
• Cruise ships  
• Ferries  
• Large fishing ships  
• Large yachts (powered and sail)

As well as the tables of data, the report will include three sections of explanatory text to support these. These will be a chapter on vessel characteristics, and chapter on typical vessel dimensions and design information and a chapter on specialist vessel variants.

The data collation is almost complete, with final checking being undertaken at the moment. Some wind area checks will be undertaken and then it can go to other working groups currently underway to check for compatibility. A final review by MarCom will follow and it is expected to be published in 2022.

Michael Grace  
MarCom

NEWS FROM INCOM

Update on PIANC Joint InCom/EnviCom/RecCom WG 219 - 'Guidelines for Inland Waterway Tourism and Recreation Infrastructure'

During our last meeting, we finished the discussions about the case studies. We will still look and listen to the cases of Lyon (France) and the Danube River (Serbia), but will then proceed with completing the texts of the table of contents.

Some of the texts have been prepared and shared by some of the members on the PIANC Sharepoint. The Working Group is progressing well.

Rudy Van der Ween  
Chair WG 219

PIANC WG 230 - ‘How to Finance Nature-Based Solutions’ - We Welcome Your Suggestions for Case Studies

PIANC WG 230 - ‘How to Finance Nature-Based Solutions’, kicked off in autumn 2020 and currently we are moving forward in writing a hands-on report. A crucial element in this report will be the inclusion of short case studies to illustrate specific topics. We would be helped a lot if the wider PIANC community could think along with us and make suggestions to identify such cases. A project name and location (or a link) is sufficient, we will do the rest. Projects related to the following items would fit our report well:

• Nature-based solutions of all sorts related to waterborne transport infrastructure  
• Revenues/payback mechanisms based on sustainable value (like carbon sequestration/eco-tourism/flood-protection, etc.)  
• Various Financing/contracting strategies for green/sustainable/nature based projects
• Certification or standardisation of green/sustainable/nature-based projects

Suggestions can relate to one or multiple of these issues and can be sent to hijdra@vitalports.org. No worries if you're not certain about specific issues, we will dive into it ourselves and see if the project will fit our purpose.

Arjan Hijdra
Chairman WG 230

NEWS FROM RECCOM

Update on RecCom WG 202 - 'Influence of Recreational Navigation Infrastructure on Waterfront Projects'

Activity on the 'Influence of Recreational Navigation Infrastructure on Waterfront Projects' Working Group report restarted in June 2021. Steady progress has been made since this summer, with four virtual workshops taking place in the interim. In recent months, the group has defined the report objectives, the direction of the report, and the chapter structure and contents.

We are now content that a very robust framework is in place, and have started to work on the detailed content of individual report sections – often with much debate and anecdote along the way!

The WG 202-report is expected to appeal to a broad spectrum of readers, beyond PIANC membership; from city planners to local authorities, property developers to masterplan architects, and many other professionals and sectors interested in waterfront development. The 'typical' reader may not have a strong navigation infrastructure technical background – or any engineering background for that matter. Consequently, the Working Group strives to deliver a balanced report that is accessible to all readers, while providing sufficient detail and technical advice for engineers and navigation infrastructure professionals, so that it will enable sound and informed development decisions. With members hailing from UK, France, Italy, Germany, Belgium, the Netherlands, South Korea and USA, some with international experience beyond their countries, our professional experiences and visions of a waterfront are indeed varied, and it is this diversity we are eager to communicate to the reader. However, we are still open to accepting new members, especially from countries not presently represented.

Padhraic O’ Connor
RecCom WG 202
In August 2021, PIANC granted a certificate of Supporter of Working with Nature to Abu Dhabi Oil Co. LTD (Japan) and DAMCO Consulting Pty Ltd for the Mangrove Planting Programme within the project ‘Mubarraz Channel Dredging and Reclamation for Causeway’.

The Working with Nature jury recognises that programme supports the idea of the Working with Nature philosophy and that the voluntary program brought about an improved understanding of the process to achieve benefits by using mangroves for environmental enhancement and shoreline protection against erosion.

Congratulations on behalf of PIANC International for obtaining the certificate!
**PIANC at COP26 in Glasgow, Scotland**

PIANC’s Working Group 178 guidance on ‘Climate Change Adaptation Planning for Ports and Inland Waterways’ was on the agenda twice during the recent COP26 Climate Change meetings in Glasgow, Scotland. Jan Brooke, PIANC PTG CC Chair, was invited to present this guidance at:

- **Practical Climate Change Adaptation Solutions for Ports**, 2-3 November 2021 in the International Maritime Hub. This conference featured presentations from port, harbour master and pilot representatives from UK, USA, Argentina, Canada, South Africa, Spain, the Netherlands, Dubai, Malaysia and Australia. The programme, PowerPoint presentations and event recordings are all available [here](#). EnviCom’s Marika Calfas and Gerardo Bessone were also among the speakers at this event.

- **Future-Proofing Transport: Design Codes and Standards – Why Do They Matter and How Can They Evolve?**, 10 November 2021 in the Blue Zone Resilience Hub. This event included presentations from across the transport sector (road, rail, waterborne) on the development and application of standards, guidance documents, codes, etc.

Nature-Based Solutions were also high on the agenda at COP26, with numerous events on the topic – including Pioneering Nature Based Solutions for Resilient Infrastructure (another Blue Zone Resilience Hub event, on 5 November 2021). This session marked the release of the white paper on ‘Governance of Infrastructure for Resilience’ from Coalition for Disaster Resilient Infrastructure (CDRI) and Resilience Shift.

Jan Brooke  
Chair PIANC PTG CC

**Navigating a Changing Climate Update**

The UNFCCC Global Climate Action Initiative Navigating a Changing Climate was also active at COP26, with both PIANC’s outgoing Focal Point (Jan Brooke) and Mark Button, The Resilience Shift’s incoming Focal Point, present.

Navigating a Changing Climate is a global, multi-stakeholder partnership of associations with interests in waterborne transport infrastructure that work together to support the sector as it responds to climate change. More than 50 supporter organisations are also committed to the partnership’s aims.

To date, Navigating a Changing Climate’s work has included the creation of a website providing a one-stop shop climate change resource for the sector; the organisation of an international conference and many other sector-specific climate change mitigation and adaptation events; the publication of several technical good practice guidance documents; and much more.

As PIANC hands over the lead of the initiative to The Resilience Shift, a new multi-year Action Plan will...
be developed and implemented to progress the urgent parallel agendas of climate change mitigation and adaptation. This new Action Plan will bring together the climate-related activities being undertaken by each of the partner associations as well as shaping new collaborative initiatives to ensure a joined-up approach to delivering the transformational action required of the sector. PIANC will continue to contribute to the Navigating a Changing Climate objectives via its technical guidance documents and events organised by members of the Permanent Task Group on Climate Change (PTG CC).

Jan Brooke  
Chair PIANC PTG CC

**COP26 Sediment Management Pledge**

One of the specific contributions made to the COP26 process by Navigating a Changing Climate was the development, with SedNet, of the [COP26 Sediment Management Pledge](#).

Sediments are an integral part of aquatic systems, the building block for natural habitats and an inherent component of many ecosystem services. Sediments and their associated aquatic habitats – blue carbon stocks – also play a vital role in sequestering and storing carbon. Sediment managers – including port authorities and dredging and construction companies (i.e. many PIANC members) – can therefore make a significant contribution to addressing the climate change challenge.

The COP26 Sediment Management Pledge sets out a series of actions that sediment managers can take to identify and deliver solutions that benefit not only climate and nature, but also society and economy. SedNet and the NavClimate partners ask organisations that recognise the importance of these issues to endorse the pledge. Details about how your organisation can do this can be found via the above link.

Jan Brooke  
Outgoing PIANC Focal Point for Navigating a Changing Climate

**NEWS FROM PROCOM**

**ProCom Meeting 2021-4 on 15 October 2021**

This meeting took place on 15 October 2021 and was chaired by Mrs Pahl and her little boy Johan! Thanks again to Mrs Pahl for taking the time during her maternity leave to chair our ProCom meetings!

The main item that was discussed in this meeting was the alignment of the PIANC house style for all PIANC products, as currently there are quite a few different lay-outs for several PIANC documents and products. Mrs Van Schel (HQ) drafted some designs for this meeting that were discussed by the ProCom members.
After the ProCom meeting, a small subgroup of ProCom members was appointed to finetune the design according to the ideas of the ProCom members.

The meeting also discussed the set-up of a page on the PIANC SharePoint listing all different items that ProCom has been working on throughout the past year (guidelines on the use of the PIANC logo, guidelines and templates for WG authors, copyright document, benefits for members, etc.).

The last ProCom meeting of the year will be organised on 9 December 2021. The next meeting in February 2022 is intended to be a physical one, however, this will entirely depend on the Covid-19 situation and possible restrictions in Belgium.

NEWS FROM THE PIANC COMMUNITY

News from PIANC Australia/New Zealand

PIANC Australia & New Zealand made the best of a difficult year – with Covid-19 travel and gathering restrictions around most of the regions. The postponement of the biennial flagship conference Coasts and Ports 2021 to 2022 meant we focused our energies on smaller local events, plus our online communications.

‘About Us’ Video
PIANC ANZ has recently created a three-minute video ‘Who We Are’ for current and future members, colleagues and community. It is available for view at https://www.youtube.com/watch?v=06nyeXFmgYV.

Social Media Connections Grow
In October, we hit a milestone for our PIANC ANZ LinkedIn page when the 1,000th person followed us! We decided to find out more about them. Turns out Neville Anne Berard, a passionate coastal engineer is a Canadian PIANC Young Professional and busy helping PIANC Canada build its membership. She now runs their LinkedIn page. Turns out she also has had Australian connections having worked on a long-distance research project with UNSW Water Research Laboratory, corporate members of PIANC ANZ. We wrote more about Neville on our website.
Events Galore

Our regional chapters have been busy organising end of year events, many networking and social, after a difficult year of restrictions and lockdowns in most of the Australian states. Despite the restrictions, the regions hosted 20 PIANC in-person and online events in 2021! The event which drew the most interest was the NSW organised webinar ‘The State of Ocean Energy in Australia’ – the video is available for viewing here. This was closely followed by interest in our QLD branch webinar featuring PIANC WG 208 – ‘Planning for Automation of Container Terminals’. The video is available for viewing here.

Our stellar Western Australia regional chapter is still offering great technical webinars/seminars on 29 November and 2 December plus hosting the first PIANC ANZ Women’s Network Lunch, meeting on 1 December. It has been an excellent year for WA and a big shout out to its regional chapter, chaired by the indefatigable Claire Treeby, who is also ANZ YP-Com Chair!

Mary O'Connell
PIANC ANZ

News from PIANC Colombia

On 10 November 2021, PIANC Colombia President Mr Fabio Zapata, Naval Architect and Marine Engineer, gave a presentation to all attendees to the XVII SLOM jornada which was held in Cartagena, Colombia. SLOM is the Latin American Society of operators of marine oil terminals and monobuoys. This presentation was very important to explain the importance of PIANC's guidelines in the design process of marine oil terminals, as well as why companies’ planning projects related to this sector should know in depth the PIANC guidelines and how to use these important documents prepared by the Working Groups of PIANC's experts around the world.

The attendees to SLOM were very satisfied with the presentation and they also expressed their interest in joining PIANC. Among the attendees were personnel from Ecopetrol, which is the most important oil company in Colombia.
The Colombian National Section of PIANC continues to work hard to disseminate the importance of PIANC among stakeholders and role players in the waterborne transportation industry and recreational navigation sector. Moreover, it is important to get new members to contribute to the growth of the Section. Colombia is a country with high potential for waterborne transportation and the infrastructure needed for this needs to be developed according to international recognised PIANC guidelines.

Fabio Zapata
President PIANC Colombia

News from PIANC Japan

PIANC Japan Online Seminar 2021

On 26 October 2021, PIANC Japan hosted a seminar featuring four recent topics on the port, fishing port and maritime sector, such as:

- carbon neutral port initiative in Japan from the Ministry of Land, Infrastructure, Transport and Tourism (MLIT)
- from Fisheries Agency Formulation of a new long-term plan for development of Fisheries Infrastructure,
- Construction Co., Ltd (Platinum Partner of PIANC) Gi-CIM: Visualization Technique for Ground Improvement, from Penta-Ocean
- Terminals”, from Port and Airport Research Institute (PARI)PIANC MarCom WG208 Report “Planning for Automation of Container

Nearly 200 people attended the seminar and actively participated in question and answers sessions following the four presentations. This second PIANC Japan seminar was held online. It was open for free to PIANC Japan members, as well as to non-members, to promote PIANC's activities in Japan.

Following opening remarks by Mr Mitsuhiko Okada, Vice-President of PIANC and President of PIANC Japan, Mr Kimihiko Endo, Deputy Director-General for Engineering Affairs, Ports and Harbors Bureau (MLIT), gave a guest speech. From the Fisheries Agency, Mr Jun Yokoyama, Director of Construction Division, Fisheries Infrastructure Department, gave closing remarks. Both guests of honour remotely participated in the seminar from their offices. We would like to express our gratitude to the speakers, guests of honour, Penta-Ocean Construction Co., Ltd., Nikken Kogaku Co., Ltd., and other port related organisations for their cooperation in making this seminar a great success.
PIANC Japan will continue to actively engage in research activities on waterborne transport infrastructure with the cooperation of all concerned parties.

Keisuke Kanemaru
PIANC Japan

News from PIANC in Malaysia

PIANC and some PIANC Young Professionals (YP) successfully carried out their 5th and final webinar in Malaysia this year. It was attended by around 20 participants from multiple organisations and companies. The guest speaker was Mr Wong Kah Weng, Team Leader for Maritime in Jacobs. His presentation entitled ‘Senibong Switching Station of Malaysia – Precast Concrete Construction Above Seawater’ was well received by the audience. The station, located in the Johore Strait between Malaysia and Singapore, highlights the innovation and efficacy of using precast concrete technologies in its construction. Moving into 2022, PIANC and the PIANC YP’s in Malaysia will continue organising webinars and events in Malaysia to further connect the local port and navigation community while promoting valuable knowledge exchange.
News from PIANC Portugal

Webinar Coastal and Port Engineering in Portugal - Large Ongoing Works

On 18 November 2021, the Webinar ‘Coast and Port Engineering - Large Ongoing Works’ took place. The extension of the outer breakwater of the Port of Leixões, the extension of the east breakwater, the rehabilitation railway access, and the extension of the PSA quay wall of the Port of Sines, the emergency protection works at the Port of Lajes das Flores, and the main coastal protection works promoted by the Portuguese Environmental Agency were presented and discussed.

This webinar, organised by the Portuguese delegation of PIANC, had more than 100 participants and presented some of the most relevant works that are underway in Portugal. The session is available at https://www.youtube.com/watch?v=M3ll1ETy2yU (in Portuguese).

More information can be found at www.pianc.pt.

Maria Graça Neves
First Delegate PIANC Portugal

News from PIANC Spain

Webinar: II Conference of Innovation and Technology in Port Management

The event was organized by the Port Management Committee of the Spanish Section, and was attended by 82 registered participants. A total of eight speakers presented several lectures on new technologies, artificial intelligence, blue economy, Ports 4.0, and innovation in ports.
Webinar: Cycle Webinars YP Argentina-YP Spain on Port Infrastructure

This webinar took place on 3 November 2021. Organised by the Young Professionals of both Argentina and Spain, the event was attended by a total of 29 registered Spanish participants. The main topics were 'Floating Concrete Plants in Port Construction' and 'The Industrial Construction of Concrete Caissons for Quays'.

XVII Technical Sessions of Young Professionals of ATPYC (PIANC Spain)

The programme of this webinar on 18 November 2021 included 11 presentations on various topics, focused on both port and coastal engineering: infrastructures, climate change, blue economy, use of drones, and port services, among others. A total of 83 professionals from the sector attended the event.

The Technical Sessions, which took place online this year, have strengthened their position as one of the most important events of Young Professionals in the maritime and coastal industry.

Webinar: Design of Concrete Port Pavements. Increased Structural Capacity and Durability through the Use of High-Performance Materials and Metal Fibres

This webinar was held on 22 November 2021 and was attended by about 100 participants. It was organised in collaboration with Bekaert, Platinum Partner of PIANC.

Ana Lope Carvajal
Secretary PIANC Spain
Introducing PIANC's New Platinum Partner: Hyundai Engineering & Construction

Applying Cutting-Edge Technology to Green Construction

Hyundai E&C Endeavours to Explore Endless Possibilities on the Global Stage

Hyundai E&C has been standing at the forefront of construction for key national industries based on our indomitable spirit, strong will, and driving force. The various infrastructures built by us, including reclaimed land and new roads across land and sea, have made our lives and the lives of mankind more convenient and innovative.

Starting with restoring the Han River Pedestrian Bridge (present-day Hangang Bridge) after the Korean War, we have laid many bridges, playing a leading role in the 'Miracle on the Han River', as well as the expansion of Seoul and the economic development of South Korea. The history of the overseas construction industry in Korea began with Hyundai E&C. Since building the Pattani-Narathiwat Highway in Thailand in 1965 as the first overseas project conducted by a Korean construction company, we have gained global trust in both technology and scale by successfully completing the Industrial Harbour Project in Jubail, Saudi Arabia, which is touted as the largest substation project of the 20th century, while laying the groundwork to continually secure mega-scale projects.

Hyundai E&C’s indomitable spirit of pioneering and taking on challenges birthed technological innovations in Successful completion of overseas projects such as the Penang Bridge Project in Malaysia and the Jamuna Multi-purpose Bridge Project in Bangladesh set a new milestone in the construction history of Korea. We have been leading the field of super long-span bridges by completing mega projects including the Third Bosphorus Bridge in Istanbul, Turkey as the world’s first hybrid cable-stayed suspension bridge, the Ulsan Grand Harbor Bridge in Korea as the world’s third single-span suspension bridge, and the Sheikh Jaber Al-Ahmad Al-Sabah Causeway in Kuwait at a world-class scale of 36.1 km.

With our incessant research and development (R&D) activities in construction technology, we also opened a new horizon for underground projects, which had remained an unexplored territory in the Korean engineering and construction sector, by successfully building the underwater oil storage facility in Jurong, Singapore, ranked as the third largest “oil hub” in the world. The development of traffic facilities including Yeongdong Expressway in Korea and Rusail Highway in Qatar showed a new possibility for mankind by applying cutting-edge IT technology to Korean and overseas traffic infrastructure.

Going forward, we will dedicate our utmost efforts toward becoming an unparalleled global construction leader by focusing on securing advanced technologies, diversifying the overseas markets, and pursuing green construction.

Hyun Dong Kim
Secretary-General PIANC Korea
ShibataFenderTeam Participated with a Presentation at the Virtual ATPyC Young Professionals Conference

In Spain, PIANC is represented by the Asociación Técnica De Puertos Y Costas (ATPyC). The Young Professional Section of ATPyC had invited ShibataFenderTeam to its 17th conference, which is usually held annually. This year, the event was held as a virtual seminar on 18 November. The webinar consisted of several technical sessions of about 20 minutes, covering various topics related to the maritime industry. ShibataFenderTeam was a sponsor of the event and also presented a short session on ‘Fender Testing - A Best Practice Approach’. The session was chaired by our Spanish colleague and YP-member, Alvaro Rodero.

It is great to see that the YP’s in Spain are highly engaged and well organised. ShibataFenderTeam is always happy to contribute to ATPyC events and to support young people interested in the maritime industry.

Nadine Pape
Junior Marketing Manager ShibataFenderTeam

PUBLICATIONS

Just Shipped

The following publication was published in July 2021:

- WG 198 (InCom): ‘Saltwater Intrusion Mitigation in Inland Waterways’ - Sign up for the free webinar about this report, which will be organised on 10 December 2021: https://storycatchers.webinargeek.com/saltwater-intrusion-in-inland-waterways

Publications Pipeline

Currently, no new Working Group reports have been finalised yet, but stay tuned because there are still a lot of reports to come! Please click here to find an overview of our ongoing Working Groups.

PIANC Yearbook 2021 - Call for Sponsors

We would like to take the opportunity to inform you of the possibility to advertise in the upcoming electronic version of the PIANC Yearbook 2021.

The rates are as follows:

- 1 page - full colour - Yearbook 2021 = 1,550.00 EUR
- ½ page - full colour - Yearbook 2021 = 950.00 EUR
- ¼ page - full colour - Yearbook 2021 = 550.00 EUR
- Page 2 and 4 of the cover + 20 %

In return, we will also put your company logo on our PIANC website (with a link to your website) on the page dedicated to the Yearbook for one year at https://www.pianc.org/pianc-yearbook.
If you are interested in advertising in our upcoming PIANC Yearbook 2021, please contact Mrs An Van Schel (an.vanschel@pianc.org). The advertisement itself is due before 28 February 2022.

Geert Van Cappellen
Secretary-General of PIANC

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ON THE CALENDAR

The Brazilian National Waterway Transportation Agency (ANTAQ) and the German Cooperation for Sustainable Development through the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH would like to release a study highlighting a survey on the main climate threats, risks and impacts of climate change, and the ranking of the 21 Brazilian public ports analysed under the greatest current climate risk.

ANTAQ realised that there was the need to consider, in its spectrum of action, the impacts and risks of climate change to Brazilian port terminals in order to guarantee the efficiency and regularity of operations. For this reason, in January 2020, a Cooperation Agreement was signed between ANTAQ and GIZ for the preparation of the study entitled 'Impacts and Risks of Climate Change to Brazilian Coastal Public Ports'.

The international webinar for the presentation of the study will be held on 6 December 2021 at 10:30 a.m. GMT -3 (Brasília Time Zone), and it will have simultaneous interpretation into English and Spanish. Click here to register for the webinar.

Given the relevance of the topic for the technical and scientific community, we kindly request that this invitation be shared with other colleagues of the waterway sector.

Aretta de Andrade Assis Gomes
SAVE THE DATE 24-28 April 2023 - PIANC America 2023 Conference & Biennial Technical Visit (BTV)

The PIANC America 2023 Conference & Biennial Technical Visit will be organised on 24-28 April 2023 in Fort Lauderdale, Florida, USA. Please click on the picture on the left to find the conference flyer or click here to find the flyer in Spanish.

Save the date for this very interesting event! We will keep you updated as soon as we will have more news!

Hamna Zaheer
Deputy PIANC USA Secretary

OBITUARY

Pierre Savey (1929-2021)

La section française a la tristesse de vous faire part du décès de Pierre Savey à l’âge de 92 ans, une des personnalités marquantes qui par sa détermination a contribué à façonner et à développer les infrastructures fluviales en France. Son implication constante dans ce domaine est remarquable : ingénieur des ponts et chaussées en 1955, Pierre Savey est d’abord affecté de 1957 à 1964, comme ingénieur en chef de l’arrondissement spécial de canalisation de la Moselle à Thionville pour le compte de la société internationale de la Moselle. Sous sa direction sont réalisés les barrages et écluses d’Apach et Koenigsacker.


Il a également largement œuvré pour diffuser le savoir-faire et l’expérience fluviale française au sein de l’AIPCN puisqu’il a présidé le comité technique permanent n° 1 devenu depuis la commission InCom de 1983 à 2000 et qu’il a également été vice-président international.

The French Section is sad to announce the death of Pierre Savey at the age of 92, one of the outstanding personalities who, through his determination, contributed to the shaping and development of river infrastructures in France. His constant involvement in this field is remarkable: a bridge and roadway engineer in 1955, Pierre Savey was first assigned from 1957 to 1964 as chief engineer of the special Moselle canalization district in Thionville on behalf of the Société Internationale de la Moselle. Under his direction, the Apach and Koenigsammer dams and locks were built.

He then joined the CNR as head of the special studies department and assistant to the director of studies in 1964. He became successively deputy director of equipment (1967-1972) and director of studies and works (1972-1985). Under his leadership, the CNR experienced intense development activity with the studies and implementation of a large part of the Rhone developments south of Lyon, which led to the commissioning of the large-gauge waterway between Lyon and the Mediterranean Sea (1986). He also directed the construction of the Haut-Rhône hydroelectric scheme. He was then appointed Director

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General of the CNR in 1986, a position he held until 1994. During this period, he was a fervent advocate of the Rhine-Rhône link and developed CNR engineering internationally.

He also worked hard to disseminate French river know-how and experience within PIANC, since he chaired the Standing Technical Committee No. 1, which became the InCom from 1983 to 2000, and was also international Vice-President.

Fabrice Daly
Secretary of PIANC France