JANUARY 2021

Happy New Year!

At the beginning of this new year 2021, we hope that you and your loved ones are all doing well and that you are all healthy! Of course, we also hope that after the strange year 2020 in full Covid-19 stand-still, the new year will bring new perspectives and that we will be able to meet each other soon during new events and meetings.

Despite the strange year we lived, it is great to see how our Commission and Working Group members are undertaking many efforts and new ways of getting organised in order to stay connected all over the globe and try to keep up the good work PIANC is known for for many years! We have proven that we can overcome difficult times like these and we would like to thank everyone for trying their best to make things work!

NEWS FROM INCOM

Progress Report InCom Working Group 125

The second Working Group 125 meeting took place on 11 February 2020 in Vienna. The agenda of this meeting was to elaborate and agree on the Work Programme and draft up the Tasks that will enable the Working Group 125 to realise the goal of elaborating the new RIS Guidelines.

After a short tour de table, the status of the action points created during the first meeting was reviewed. We were happy to find that status updates were already available for several action points. A first draft of the Work Programme was introduced to the members of the Working Group by means of a picture visualising the main components. The contents were discussed in detail, and the tasks required to realize the Work Programme drafted up. Several decisions were made regarding the scope of the new RIS Guidelines and the main contents of the Work Programme were agreed upon. By the end of the meeting the tasks were divided, resulting in task owners and a supporting team of task members for each task.

The Chair, Vice-Chair and Secretary (Core Team) had several internal meetings to prepare the third Working Group 125 meeting, and participated in several meetings with CESNI/TI regarding the previous RIS Guidelines and interesting avenues for the new RIS Guidelines.
The third Working Group 125 meeting was held online on 24-25 September 2020 due to the Covid-19 pandemic. The meeting focused on the finalisation of the Work Programme, the status and plan of action for each task, and the connection between PIANC WG 125 and other groups/commissions active in RIS, like WG 210, CESNI, DTLF, etc. We also welcomed two new members from Ukraine: Mr Igor Kladkykh and Mr Lyashenko Alexey Stepanovich.

Update on the Status of PIANC InCom WG 128 - 'Alternative Technical-Biological Bank Protection Methods for Inland Waterways'

Since the last status report from January 2020, we tried hard to organise a face-to-face meeting. It was planned to meet at the headquarters of viadonau in June and to visit the numerous measures realised in the Danube stretch downstream Vienna. The lockdown because of the corona virus, with all its restrictions, especially concerning travelling, destroyed our plans. Therefore, we organised all our next meetings in the form of video conferences, as the one on 18 December 2020, which you can see on the picture.

During our first video meeting on 18 September, our 13th meeting in total, we agreed to skip the originally foreseen Best Practice Approach, using a multi-criterion analysis, totally in favour of a strongly simplified approach, using generally decisive criteria only. Furthermore, we agreed to make the future report very concrete concerning the pre-selection of measures, and to offer process recommendations only, regarding the adaption of selected measures to the planning site. This restriction was necessary because all measures has to be 'tailor-made' to account for local conditions.

We discussed this new approach agreed to reduce also the content of so-called Fact Files, describing realised measures accordingly. The new Fact File format will be called 'Short Fact Files'. During our meeting on 16 October, we balanced this new form and we also discussed an assessment system.

Two extra meetings on 20 November and 4 December were held by the 'Extended Lelystad Group', which was formed first in April 2019 (split meeting in China and the Netherlands), concerning the pre-selection of measures. This group worked out a so-called 'Fact-File-based-Pre-Selection-Approach', using all the information of the Short Fact Files.

Parallel to the Lelystad-group, the ecologists worked out an ecological assessment tool for pre-selection. The latter was discussed during our 15th meeting on 27 November. We also agreed on the content of all Short Fact Files, so that all existing drafts could be finalised.

During our 16th meeting, we focused on the production of lacking Short Fact Files, together with writing the first contributions to the future report concerning the introductory chapter and the literature survey, which focuses on existing guidelines. The last versions of the corresponding pre-selection tools were coordinated and contributions to the report were discussed.

During our 17th meeting in January, we planned to finalise Chapter 3 concerning the descriptions of categories of measures and all the lacking Short Fact Files in order to be able to deliver a first draft of the report at the occasion of the PIANC winter meetings at the beginning of February 2021.
Report on the Status of InCom Working Group 198 - 'Salt Intrusion Mitigation in Inland Waterways'

Working Group 198 had a physical meeting in February 2020 in Hamburg, hosted by the BAW, which had quite a large attendance (our Chinese contributor was then not able to travel). Since February, we have submitted our draft report for InCom review in April, which we received in June. The final version of the report has been submitted in December for the final review of InCom and the report should therefore be published in 2021.

The situation around the Covid-19 Pandemic has of course forced us to change the way we worked on the report in the final months, with more regular contact via videoconferencing and no physical meetings. Our working sessions were limited to single days which were blocked in the calendar with video conference moments throughout the day to discuss the changes. This worked quite well and we were able to finish the report without much hindrance from the situation.

Of course, the inability to have a final meeting together to close the group is a disappointment but I hope to see the group members at future PIANC conferences. For those interested in the upcoming report, we have explained how salt intrusion occurs in Inland Waterways (both estuaries and canals entered via shipping locks) and how to study it (with measurements and modelling) and finally how to mitigate it.

Salt Intrusion has the potential to be an important aspect of future navigation infrastructure projects because of its relation to climate change due rising sea levels and increased frequency and severity of droughts. Also increased size and volume of shipping play a role (see photo of the density current at the new Panama locks). We hope that the report will give valuable guidance to those seeking address this issue.

Dr. Tom O'Mahoney
WG 198

Update on PIANC WG 210 - 'Smart Shipping'

The PIANC WG 210 Smart Shipping had three short online meetings on 25 November, and on 3-4 December. Several new members attended the meeting so during the first meeting the goal of the WG was explained again and we had an overview on what tasks already have been done or have been started.

During the second day, the next steps concerning the further development of the use cases were discussed. The members will work on more it in January 2021 and the final version of the use cases will be discussed during the 6th meeting in March, which will also be an online meeting. On the last day, other next steps were discussed and the Belgian delegation gave a short overview of the winners of the virtual hackaton on smart shipping that was organised in November.

Ann-Sofie Pauwelyn
WG 210

NEWS FROM INCOM/RECCOM/ENVICOM

Update on Working Group 228 - 'Extended Values of Low Use Inland Waterways'

InCom/RecCom/EnviCom Working Group 228 on the 'Extended Values of Low Use Inland Waterways' started last May. We have organized three meetings since which were all online due to the current situation. The last meeting was held online from 13:00-15:00 CET, which makes it easier to attend for all WG members.
WG 228 is still in the start-up phase with a focus on brainstorming, discussing and framing the subject.
Three parallel actions are ongoing:

- Definition of what are ‘Extended Values of Low Use Inland Waterways’ in which we can identify four terms (as underlined).
- Definition of a toolbox for assessment and classification of low use inland waterways.
- Collection and discussion of example projects, both successful and/or realised or not.

Arjan de Heer
WG 228

NEWS FROM PROCOM

ProCom Meeting 2021-1 on 26 January 2021

ProCom held its kick-off meeting for the year 2021 on 26 January 2021. Of course, the meeting was again held virtually due to the known circumstances. Chairperson Anna-Lena Pahl was happy to welcome two new members within ProCom: Mrs Paula Palmans from Belgium and Mr Hiroshi Hayashida from Japan, who is also Honorary Vice-President of PIANC.

All ProCom members agreed to keep working with the new structure of the recently established subgroups, which all deal with different topics, such as the social media strategy and developing diverse tools to support the Association’s National Sections, Qualifying Members, Commissions and Working Groups.

In particular, the focus for 2021 is to continue the direct contact between Working Groups, Technical Commissions and ProCom to foster the direct exchange of information and to improve the communication and promotion of our Working Groups’ efforts for the sake of our Association. All Working Groups should have been contacted by ProCom responsible Christian De Meyer. In case they haven’t, we ask them to get in contact with their Commission Chair.

During the meeting, Mrs Pahl was pleased to be able to look back at a very active year 2020 and she is confident that all ProCom members continue the great work in the same good and constructive spirit!

Leen Weltens
Secretary of ProCom

NEWS FROM YP-COM

Happy 2021 from YP-Com

A new year and a fresh start – hopefully with more PIANC events and opportunities to get to see and catch-up with each other, either offline or online! YP-Com has started the year with the set-up of a new group: the International Virtual Events Task Group (IVETG). The first meeting was held on 26 January and a short
introduction is provided below. The first commission meeting of this year will be held on 3 March 2021, which will include an update on the IVETG and the planning of the year ahead.

The Young Professionals International Virtual Events Task Group seeks to organise online events on a worldwide scale during 2021, bringing together the PIANC community in a more digital way. The challenge is to find the optimal timing, considering different time zones and the busy agendas of the different YP-groups. Furthermore, the group is intended to offer support to those groups attempting to organise online events, and provide them with a platform or overview of the various local and regional events, boosting the opportunity for a wider audience to join them. The task group members represent all regions around the world, as we count on Aung (Myanmar), Laurence (Australia), Heather (UK), Bianca (Austria) and Sebastian (Argentina) to make it happen. Overall, we are very enthusiastic to share more details with the rest of YP-Com in our next meeting, and get down to work with National Sections, Technical Commissions and anyone in the community that could welcome our collaboration.

Eslie Vrolijk
Chair YP-Com

Sebastián Iglesias
Chair IVETG

NEWS FROM THE PIANC COMMUNITY

News from PIANC Australia/New Zealand

PIANC APAC 2020 Success

Over 250 people attended APAC 2020, PIANC’s inaugural Asia Pacific conference focusing on ‘Port, Harbour and Recreational Boating for Today and Tomorrow’. The hybrid conference was hosted in Freemantle, Western Australia and also streamed online with both local and overseas presenters.

Online attendees came from around the world, including Australia, Belgium, Canada, Denmark, Ecuador, Iceland, India, Japan, Malaysia, the Netherlands, New Zealand, Singapore, South Africa, Spain, Thailand and the USA.

As Neil Lawson, member of the hardworking Local Organising Committee, of the PIANC ANZ Board and PIANC Global’s Vice-President declared, “After 6 years of planning we have achieved our lofty goal of hosting a truly regional PIANC focused conference – well done all – a real team effort!”

Greeted with a Welcome to Country by Indigenous Elder Marie Taylor, the APAC 2020 Conference was opened by the WA Minister for Ports, the Hon Alannah MacTiernan, MLC. The first keynote address was given by Dr Todd Bridges, Chairman of PIANC’s Environmental Commission (EnviCom), with fellow USACE scientist Dr Burton C Suedel presenting on Engineering with Nature (EWN) principles and examples from the US.
Senior PIANC leaders who presented at the Conference included PIANC’s President Francisco Esteban Lefler who spoke on 'Future Directions in Maritime Engineering and Construction' and Geert Van Capellen, the Secretary-General, whose topic was, very appropriately, ‘PIANC in the New Normal’.

For more details on the program please see here.

Chair of PIANC ANZ Associate Professor Will Glamore commented: “This conference has been an enormous success from all involved and we need to thank everyone for making it so special.” Congratulations to the conference event organisers Encanta, as well as the intrepid, resilient and extremely hardworking Local Organising Committee.

PIANC APAC 2020 Awards

Five major PIANC awards were presented at the APAC 2020 Conference dinner on 3 December 2020. The awards set the basis for this conference and pave the way for many more to come in PIANC’s new biennial Asia Pacific Conference.

PIANC APAC 2020 Lifetime Achievement Award

For outstanding involvement and contribution to the Waterborne Transport Infrastructure industry.
Congratulations to Neil Lawson. Neil requires no introduction – serving currently as the Vice-President of PIANC International and previously for 18 years as the Chair of PIANC in Australia & New Zealand. Those involved in PIANC know that he always goes above and beyond to ensure that the association continues to thrive and to enable important events such as this conference. He started work as a port engineer in the 1970s, has had a long and very successful career in the industry and continues to help shape its future.

Responding to news of his award, Neil said he wished to thank “everyone who have worked so hard over the last 20 years to bring PIANC ANZ to where it is at the moment – one of the premier PIANC National Sections in the world. We have reached this position because of the dedicated work of the present and previous Boards of PIANC.”

PIANC APAC 2020 Young Author Award

Congratulations to Nick Deussen from Wallbridge Gilbert Aztec for his work on the Tiwi Islands Ferry Landing. Nick gave a very engaging presentation which the issues as well as the positive solutions and emphasised the importance of collaboration with the community.

PIANC APAC 2020 Author Award

Awarded to an outstanding paper and presentation which celebrates the 2020 PIANC APAC theme: ‘Today and Tomorrow’.

The winner is Jason Antenucci from DHI for the physical and numerical modelling of iron ore transhipment. His work linked physical modelling to real life applications to confirm the viability of a solution for transhipment.

Transhipment is an increasingly popular solution especially in the developing world and areas sensitive to environmental impact.

PIANC APAC 2020 Contribution Award

This award is presented to an individual who for their commendable input to supporting PIANC including on working group/s and commissions.
The recipient is Bob Lamont-Smith. Bob is a recognised specialist in port planning and design of heavy structures and has volunteered his time on a number of PIANC Working Groups. These include WG 184 - ‘Design Principles for Dry Bulk Marine Terminals’ (2019) and, currently, Working Group 211 - ‘Guidelines for the Design of Fender Systems’, the subject of his APAC 2020 presentation.

PIANC APAC 2020 Progress Award

This award is presented to someone who has increased the positive influence of Waterborne Transport Infrastructure on the world or the lives of others.

Congratulations to Luke Twomey. Luke is the CEO of the Western Australian Marine Science Institute (WAMSI) and has contributed greatly to the industry through his research and his use of an integrated Economic/Social/Environment approach problem solving.


PIANC ANZ Mentoring Programme - First Graduates

As reported in June 2020 “Sailing Ahead”, PIANC ANZ launched a six month mentoring program for members, coordinated by PIANC ANZ Board Deputy Chair Peter Engelen.

The first cohort of nine pairs completed their program in December 2020. Feedback from both mentors and mentees shows the experience to be enjoyable and very valuable. Participants gave the mentoring program a satisfaction score of 8.2 out of 10.

A feedback survey found that the best things about the program for participants, were firstly, its meaningful professional and career development, followed by exposure to fresh perspectives, ideas and approaches, and the opportunity to reflect on their own goals and practices. All participants would recommend the program to other members. A second round will begin in 2021.

Working with Nature Pre-Conference Symposium
The pre-Conference symposium for PIANC APAC 2020 - 'Nature Based Solutions for Coasts, Ports and Estuaries' was held on 1 December 2020. There were live presentations in Fremantle and a large number of presenters and attendees joining virtually. The Symposium’s 90 participants came from ten countries – Australia, Canada, Denmark, Ecuador, India, Japan, the Netherlands, New Zealand, Singapore, and the USA.

PIANC ANZ Chair, Will Glamore thanked everyone involved, especially Conference Organiser Professor Ryan Lowe from University of Western Australia’s Oceans Institute. “The hybrid format seemed to work really well”, he said, “and may well be the way of the future.” “Moreover, it’s abundantly obvious that Nature Based Solutions are quickly becoming a trusted means to solve wicked problems. Both the scale of the solutions and the variety of outcomes is extremely impressive.”

For a full list of presenters and topics, see here.

Grateful thanks to our organisers, presenters, participants and sponsor – UNSW's Water Research Laboratory.

Other Events – Webinar on The Future of Physical Modelling

PIANC ANZ also co-hosted, with Engineers Australia, a very successful online webinar on 12 Dec 2020 on ‘The Future of Physical Modelling’, presented by US expert Dr Steven Hughes. The event attracted over 200 registrations. The video recording will be available soon.


New Membership Software Program

In 2020, PIANC ANZ Board member Katrina Dodd coordinated and facilitated the implementation of a new web-based membership system, which will automate many of our processes, such as joining, welcoming, invoicing, membership record keeping and liaising with our local communications systems. Implementing all this required an update/refreshment of our website which Katrina also oversaw, with support from the Board. A huge thanks and congratulations to Katrina!

Future:
The future obviously remains uncertain, but in 2021 we look forward to hosting more online events, embarking on the second round of our members’ mentoring program, profiling our current and emerging leaders, and co-hosting the biennial Australasian Coasts and Ports Conference.

Dr Mary O’Connell
Communications Support
PIANC Australia & New Zealand

News from PIANC Iceland: First Announcement & Call for Presentations NordPIANC 2021

On behalf of the Road and Coastal Administration, we are happy to announce that the next NordPIANC meeting will be held in Iceland on 7-9 September 2021. It will be held in Akureyri, which is Iceland’s largest town in the North of the country.

The selection of presentations will be based on a one- or two-page abstract, to be submitted to Fannar Gíslason before 1 May 2021.

Authors will give their presentations at the meeting: 30 minutes will be allocated for each presentation, followed by 10 minutes for discussion.

The technical tour will be organised on 9 September. The participants will visit Tröllaskagi peninsula, i.e. the towns of Dalvík, Ólafsfjörður, Siglufjörður and perhaps also Sauðárkrókur and the harbours, with a drive through Iceland longest tunnel Hóðinsfjarðargöng (7+4 km).

Akureyri is close to many attractions like waterfalls, lava formations, remanences of a great flood like Dettifoss, Goðafoss, Ásbyrgi and Dimmuborgir.

To get to Akureyri, there are two options:

- Flight to Keflavík, bus to Reykjavík, domestic flight to Akureyri (www.airicelandconnect.is).
- Flight to Keflavik, drive to Akureyri which takes about 5 hours.

Further details of registration, venue, travel, programme etc. will be available in May 2021.

Fannar Gíslason
PIANC Iceland

News from PIANC Portugal

Since 31 July 2020, a new PIANC Portuguese Section has entered into effect. First Delegate is Maria da Graça Neves. A brand-new website is also in preparation, which is expected to be published in February 2021. The main goal for the year 2021 is to resume the biennial national conference, which would be held in Sines probably in November. A webinar will be organised by the Portuguese YP’s in May.
News from PIANC Spain

**Webinar - ‘Use of Steel Solutions in Port Development and Coastal Protection’**

25 November 2020

In collaboration with Arcelor-Mittal. During the webinar, several speakers presented some practical cases about the use steel sheet pile solutions for jetties and dolphins, anchorage solutions for quay walls and new approaches for seismic sheet pile design. The event was attended by 50 participants and it's available (in English) at the NS website ([www.atpyc.com](http://www.atpyc.com), section ‘Members only’).
The Spanish Section has recently published the following document (in Spanish): ‘Strategic Port Planning: Practical Guide for Definition and Development’. This publication is the final report of the Working Group-03 ‘Analysis of the Port Planning and Management instruments in Spanish regulations’ (Management Port Committee).

A hard copy of the book will be sent to all members of PIANC Spain.

Gemma Vázquez
Secretariat PIANC Spain

Webinar Hosted by PIANC USA on 10 December 2020

On 10 December 2020, PIANC USA YP-Com hosted a webinar featuring Benjamin Popovich and Adrian Pearson, who were the first and third place winners of the 2020 De Paepe-Willems Award. Benjamin presented on ‘Tsunami Resilience of Pile-Supported Wharves’ and Adrian presented ‘State of Practice and New Design Considerations for Monopile Dolphins’. This was a great opportunity for participants to learn about these projects, and to be inspired to enter their own papers into the contest next year.

PIANC USA YP-Com plans to host additional webinars in the future, so stay tuned for more details.

Kayla Waltemire
Deputy PIANC USA Secretary
PIANC USA

Webinar Hosted by PIANC & YP-Com Members in Malaysia

PIANC and the PIANC Young Professionals (YP) carried out an online webinar on 21 January 2021, which was attended by 26 participants from Malaysia. The one-hour webinar objectives were to introduce PIANC and PIANC YP-Com and to gather local professionals from the port and navigation community to promote long-term exchange of the industry’s best practices and knowledge.
Among the guest speakers, there were PIANC Secretary-General Geert Van Cappellen, PIANC YP-Com Asia Pacific Vice-Chair Alternate Jack Lee, as well as PIANC member Dr. Juan Savioli. The next online webinar is scheduled on 18 March 2021 and will feature two technical presentations. Four more seminars will be implemented throughout the year.

Jack Lee Vun Zac
PIANC YP-Com Asia Pacific Vice-Chair Alternate

Belgium – Port of Oostende

Last November, the execution of the Masterplan for the extension of the outer harbour of the port of Oostende came to an end. The works started in 2010 with the demolition of the old eastern pier. Two new breakwaters were constructed and a new access channel was dredged. The total investment amounts to 110 million euro.

The harbour is now easy accessible for roro-, cruise-, bulk- and offshore installation vessels with a length up to 200 m and a draft up to 8 m.

As one can see, the western breakwater is lying in front of the city. Special attention was given to the layout of the top of the breakwater which is used as a walking-boulevard for tourists. Another speciality is the construction of the seaward 350 m of the western breakwater on a very soft subsoil using the strongest ever geotextile with a tensile strength of 1,600 kN/m. The breakwater is protected by 15 t HARO’s.

Ir. Luc Van Damme
Former Secretary of PIANC Belgium

NEWS FROM OUR PLATINUM PARTNERS

ShibataFenderTeam Looks Back at the Successful Hybrid Exhibition PIANC APAC 2020

About two month ago, the maritime industry met in Fremantle, Australia to discuss about the latest developments and best practices of environmental and social sustainability in port infrastructure projects. Our ShibataFenderTeam representative Chris Millwood chaired the sessions 'Ports and Marine Facilities – Design – Fenders' and 'Ports and Marine Facilities – Construction'. He professionally guided the audience through this interesting afternoon event of educational speeches and insights into current projects. The progress report of PIANC WG 211 - 'Guidelines for the Design of Fender Systems' was of special interest, as the industry is eager to learn more about the update of the current guidelines. We are proud to share our expert knowledge about fender design with industry stakeholders to jointly work on the new guidelines.
Even in this difficult time, PIANC once again united the maritime world and we are pleased to support these initiatives with sponsorships and providing our expertise as a virtual exhibitor. It was a pleasure to us, and we look forward to the next PIANC event.

Nadine Pape
Junior Marketing Manager ShibataFenderTeam

Trelleborg Shows its Support for Biennial PIANC APAC 2020 Conference

Trelleborg’s marine and infrastructure operation was proud to be a platinum sponsor for the PIANC APAC 2020 conference, held in Fremantle, Australia on 2-4 December 2020. General Manager of Trelleborg’s marine and infrastructure operation of Australia, James Curl, delivered the sponsors address at the plenary session on day one of the conference, which also saw a number of Trelleborg experts virtually attend.

The biennial forum brought together engineers, planners, scientists and researchers across the globe to discuss the technological, scientific, policy, planning and design issues currently facing global ports, harbours and recreational boating facilities. The theme of PIANC’s APAC Conference, ‘Port, Harbour and Recreational Boating for Today and Tomorrow’, reflects an increasing global awareness on the importance of preserving the environment, and encouraging the industry to place sustainability efforts at the forefront of current and future projects and decision making.

Richard Hepworth, President of Trelleborg’s marine and infrastructure operation, commented: “As a longstanding advocate of PIANC’s tireless efforts in improving guidelines for port and terminal infrastructure, we are proud to have sponsored and participated at various PIANC events since becoming a PIANC Platinum Partner back in 2014. We were delighted to sponsor this event and also have a number of our team virtually attend which further showcases our commitment to supporting PIANC’s goal of establishing best practice guidelines for the sustainable development of infrastructure and operations of ports and waterways.”

To find out more about Trelleborg’s longstanding collaboration and support of PIANC as a Platinum Partner, listen to President Richard Hepworth here.

Jaime Tng
Marketing Executive
Trelleborg Marine Systems Asia Pte Ltd

PUBLICATIONS

Just Shipped

The following publication was published in October 2020:

- WG 201 (InCom): ’Framework for an Inland Waterway Classification in South America’

Publications Pipeline

The following publication will be published in February 2021:

- WG 208 (MarCom): ‘Planning for Automation of Container Terminals’

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ON THE CALENDAR

Sediment Management Opportunities to Address the Climate Change Challenge

Joint SedNet-Navigating a Changing Climate Online Workshop
Two half-days: 10 February and 11 February 2021

Navigating a Changing Climate is a PIANC-led Global Climate Action initiative under the UNFCCC ‘non-state actor’ process, set up to promote the sharing of knowledge on how ports and waterborne transport infrastructure can reduce emissions and adapt to climate change. SedNet is the European network aimed at incorporating sediment issues and knowledge into European strategies to support the achievement of a good environmental status and to develop new tools for sediment management.

Navigating a Changing Climate and SedNet are collaborating to run a workshop exploring areas of comment interest. The workshop, entitled 'Sediment Management Opportunities to Address the Climate Change Challenge', will comprise two consecutive half-day sessions. Its aim is to facilitate knowledge exchange, disseminate good practice, highlight opportunities, and identify gaps in understanding or research needs in relation to the four topics mentioned below, with an emphasis on ports, waterways, dredging and associated infrastructure/activities.

It promises to be an inspiring workshop for sediment practitioners (policy and management) as well as scientists. Invited key-note speakers and selected abstracts will address in the following (non-parallel) sessions – with room for Q&A – these four topics:

- Role of sediment management in carbon sequestration and storage: opportunities to contribute to a net reduction in greenhouse gas emissions;
- Sediments and climate change adaptation: seeking flexible and adaptive solutions to strengthen resilience and adapt port and navigation infrastructure and operations;
- Habitat enhancement and creation, Working-with-Nature and other nature-based solutions;
- Sediment management, circular economy and the waste hierarchy: reduce, reuse, recycle.

The four workshop sessions conclude with a panel discussion and an interactive session with the audience to determine:

- Key climate change-related challenges for sediment managers;
- Key opportunities for sediment management to contribute to addressing the climate change challenge;
- Key topics for further research and development.

Please click here to find the workshop programme.

If you wish to participate to this online workshop, please indicate so by email to the SedNet Secretariat before 6 February 2021. There is no fee for participation. For further information about NavClimate and SedNet see the websites: https://navclimate.pianc.org and https://sednet.org.

Jan Brooke

Webinar on PIANC WG 161 - 'Interaction between Offshore Wind Farms and Maritime Navigation'
Coming up on 18 February 2021 (1-2 pm EST): webinar on PIANC WG 161 - 'Interaction between Offshore Wind Farms and Maritime Navigation', hosted by PIANC USA.

Speaker will be George Detweiler from MarCom WG 161. He will provide an overview of the Working Group report and explain the various facets. In addition, Mr Detweiler will provide an overview of offshore wind in the United States. He will explain the Coast Guard's role in ensuring safety of navigation in and around wind farms; evaluating Navigation Safety Risk Assessments, Marine (spatial) planning, and supporting the Marine Transportation System.

Find more information at http://www.pianc.us/marcomwg161webinar, where you can also register for the webinar.

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PIANC Working Group 145 Update – 'Berthing Velocity Analysis of Seagoing Vessels over 30,000 DWT' (Evening Seminar)

On 22 February 2021, PIANC UK will host a webinar on PIANC WG 145 - 'Berthing Velocity Analysis of Seagoing Vessels over 30,000 DWT' (4-5 pm GMT).

Mike Harrison (Co-Chairman of PIANC WG 145, and Director at Inshore Systems) shall present on some of the key findings of PIANC Working Group (WG) 145.

Alfred Roubos (Member of PIANC WG 145, and Senior Engineer at the Port of Rotterdam), shall provide an assessment of how the WG’s findings may be practically applied to structures and fender designs by Ports and Consultants, how they dovetail with other guidelines and codes such as PIANC WG 211 ‘Guidelines for the Design of Fender Systems’ and BS 6349-4:2014 ‘Code of Practice for Design of Fendering and Mooring Systems’).

For more information, please visit https://pianc.org.uk/event/pianc-seminar-february-2021/.

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Kayla Waltemire
Deputy PIANC USA Secretary
PIANC USA

Ian White
First Delegate PIANC UK