Season's Greetings!

We wish you a merry Christmas and all the best wishes for 2020!
We hope to meet many of you during our upcoming international events in 2020!

NEWS FROM RECCOM

RecCom Marina Design Training Programme (MDTP) @ METS Conference
On 19-20 November 2019, PIANC held its first marina design course at Metstrade in Amsterdam, the Netherlands. The course was organised by the Recreational Navigation Commission (RecCom) of PIANC, hosted by RAI Amsterdam as part of the activities of the Marina and Yard Pavilion (MYP), and sponsored by Poralu Marine. It attracted 24 participants and 4 instructors from 15 countries and 4 continents.

In attendance was a blend of senior marina professionals: managers, engineers, consultants, architects, suppliers and other industry representatives. Presenters were RecCom members: Elio Ciralli (past Chairman of RecCom and founder of the MDTP), Oscar Siches (member of RecCom representing ICOMIA), Claudio Fassardi (member of RecCom and Chairman of one of its Working Groups), and current Chairman of RecCom Esteban L. Biondi. Because a significant number of senior marina industry participants attended the course, the gathering became a dialogue on industry topics.

This experience reveals that there is genuine demand for quality events that focus on discussions on marina planning and design at advanced level. Interest was very strong and we even had to make some space adjustments to accommodate special requests for late registrations. The feedback on the course was very positive. Martinho Fortunato CMM, President of ICOMIA Marina Group, said: “It is, for sure, a course I recommend for any marina professional in the world.”

The course covered topics such as marina planning and design approach, engineering site analysis, non-engineering elements of marina design, other tools for integrated marina planning (market and economic analysis), waterfront redevelopment, engineering design, sustainable marina planning, and hidden elements when planning superyacht marinas. We are also discussing adjustments based on participant’s feedback, which may result in deeper focus on selected topics and case studies, which would vary from year to year.

Based on these results, we may have found a refreshed model for the MDTP one-day programme. It is financially sustainable, meets RecCom strategic goals, and serves the continuous professional development of the professionals of our industry.

Esteban Biondi
Chairman of PIANC RecCom

Marina Excellence Design 'Jack Nichol' Award (MEDA) 2019

On 20 November 2019, RecCom presented the Marina Excellence Design 'Jack Nichol' Award (MEDA) 2019 to the Marina di Stabia (Italy) during the Metstrade Conference in Amsterdam, the Netherlands.

The purpose of the Award is to recognise excellence in the design of modern recreational boating facilities around the world. The award is administered by the Recreational Navigation Commission and funded by an endowment through PIANC USA.

Marcello Conti Remembered During MEDA Ceremony
Marcello Conti was remembered during the MEDA 2019 ceremony as the designer of the project. He was Chairman of PIANC RecCom between 2004 and 2008 and passed away in 2016. His successors as RecCom Chairman, Mr Elio Ciralli and Mr Esteban L. Biondi, joined to recognise their predecessor.

The Marina di Stabia has been one of the major professional challenges that Marcello Conti took up and completed in his professional career. Since 1996, he oversaw the works for the realisation of one of the largest Mediterranean marinas, from the concept to the operation.

He established and coordinated an expert and close-knit design team of civil, structural, mechanical and electrical engineers and architects within his firm to devote exclusively to the design of Marina di Stabia, personally following all the planning stages with passion and professionalism and then the direction of the works until the completion of the works.

Graduated from the Polytechnic University of Turin in 1966 in Civil Construction Engineering, Marcello Conti initially worked as a freelance engineer, especially in the planning and supervision of large ports, maritime and civil works. He founded Conti e Associati Srl. in 1973, as a natural evolution of the former professional company Studio Conti e Associati. In 2004, he merged the engineering company Engineering Group Srl. Today, Conti e Associati is active in the civil, industrial and thermomechanical engineering sectors, as well as in the maritime and coastal engineering and architecture sector. Carlo Conti, his son, continues with his legacy, following the principles that have characterised the Conti studio.

Marcello Conti is recognised as one of the leading marina designers in Italy, with projects in the Mediterranean (Adriatic and the Ligurian Sea) and other locations, such as UAE, Lebanon and Cuba. Among his projects, Marina Punta Gabbiani, the first dry dock, also won the Jack Nichol Award in 2004.

The long and in-depth experience of Marcello Conti in various sectors of civil engineering contributed to forming the capacity and know-how needed to manage complex projects like the Marina di Stabia, from the feasibility study, to the development of business plans up to the executive planning and to the works management.

Elio Ciralli
Former Chairman of PIANC RecCom

Esteban L. Biondi
Chairman of PIANC RecCom

NEWS FROM ENVICOM

Reflections on ‘COP25’

The political outcomes of the 25th meeting of the Conference of the Parties to the UN Framework Convention on Climate Change, were at best mixed, with entrenched positions meaning a massive element of compromise was inevitable. Away from the negotiating table, however, the atmosphere in the venue halls was much more positive, and some key messages were repeated time and again.
From the perspective of Navigating a Changing Climate, having taken on board the late change of venue from Chile to Spain as a result of the civil unrest in Chile, and some frantic session-planning following a couple of weeks of resulting uncertainty, the initiative’s week in Madrid was a big success. Two particular highlights were:

- a short slot in the very crowded UNFCCC Resilience Round Table for PIANC’s President to launch the association’s recently approved Climate Change Declaration (see www.pianc.org but included below in this newsletter for your convenience);
- an opportunity in the Round Table on the UN Sustainable Development Goals 14 and 15 for Jan Brooke to highlight how PIANC’s Working with Nature can deliver win-win solutions for navigation, nature and the climate, using the US Army Corps of Engineers’ Horseshoe Bend island as a case study.

For a full report on the COP25, please click here.

Jan Brooke
PIANC EnviCom & Chair of the PIANC PTG CC
PIANC Representative in the Navigating a Changing Climate Coalition

PIANC Declaration on Climate Change

On 10 December 2019, during the Round Table on Resilience at COP25 in Madrid, Spain, PIANC President Francisco Esteban Lefler launched the Association’s Declaration on Climate Change. Click on the image on the right to read the full document.

Jan Brooke
PIANC EnviCom & Chair of the PIANC PTG CC
PIANC Representative in the Navigating a Changing Climate Coalition
Navigating a Changing Climate at PIANC-COPEDEC 2020

On 19-20 November 2020, the Navigating a Changing Climate partners will organise a two-day conference as part of the 10th International Conference on Coastal and Port Engineering in Developing Countries (PIANC-COPEDEC) to be held in Manila, the Philippines and hosted by The Philippine Ports Authority.

The themes of this ‘conference within a conference’ will include:

1. Moving towards ‘net zero’ emissions of greenhouse gases from port infrastructure including the port estate
2. Ports’ role in enabling the reduction of greenhouse gas emissions from vessels
3. Intermodality and system-level climate change resilience
4. Effects of extreme weather, including risk assessments, contingency plans and warning systems
5. Monitoring and adaptive management for responding to change
6. Climate change adaptation, including theory and practice, methodologies and case studies
7. Optimising operational resilience, including the role of inspection and maintenance
8. Flexible and adaptive infrastructure design
10. Other climate change topics

One-page abstracts are now invited on any of the above themes and other climate change related topics. The selection of presentations will be based solely on these abstracts.

In addition to a title (maximum 20 words), the abstract should include the name(s) of the author(s), their affiliation(s) and country. Where there is more than one author, the main (presenting) author must be clearly indicated. The most appropriate conference theme should also be indicated.

Selected papers must be presented at the conference by one of the authors, and the main author must guarantee such a presentation. Presenting authors will be entitled to a reduced registration fee (to be confirmed but likely € 200 compared to € 300 for Navigating a Changing Climate conference delegates).

Abstracts should be submitted as a PDF attached to an email to the conference secretariat secretariat@pianc-copedec2020.org and copied to NavClimate@pianc.org. The email title line should be clearly marked with the main author’s surname and ‘Navigating a Changing Climate conference abstract’.

The deadline for the submission of abstracts is 21 February 2020.

Jan Brooke
PIANC EnviCom & Chair of the PIANC PTG CC
PIANC Representative in the Navigating a Changing Climate Coalition

Navigating a Changing Climate Extreme Weather Costs and Consequences Survey

Through the Navigating a Changing Climate initiative (NaCC), PIANC is working with partner organisations in the waterborne transport infrastructure sector to develop, disseminate and share concrete and relevant climate change knowledge, experience and information.

One of these concrete outputs is the NaCC survey currently hosted by IAPH on its World Ports Sustainability Program on the impact of extreme weather events on ports and inland waterways. This survey has been progressing through 2019, and will permit NaCC partners to interpret valuable data on the consequences of extreme oceanographic and weather events at ports around the world.

To date, well over sixty ports from around the world have provided valuable responses, with the survey,
which was scheduled to close on 20 December. The survey remains open for responses from ports, who can complete their input here: https://www.surveymonkey.com/r/NaCCExtremeWeatherEvents.

The results of the survey will be presented by Jan Brooke, Focal Point of the Navigating a Changing Climate initiative, during the Risk and Reputation stream of the #IAPH2020 World Ports Conference in Antwerp, which is being held between 18 and 19 March 2020.

Jan Brooke
PIANC EnviCom & Chair of the PIANC PTG CC
PIANC Representative in the Navigating a Changing Climate Coalition

NEWS FROM MARCOM

PIANC MarCom Meeting in Stockholm

On 3-4 September 2019, the MarCom members gathered at the Head Office of the Port of Stockholm. New MarCom Chairman, Mr Egbert Van der Wal, led the meeting after a round of presentations.

It is important to attract a diversity of members to the Commission: YP's, more countries, Sister Associations, etc. MarCom is represented in the main PIANC Task Groups, including the recent PTGU and PTG CC.

It is in contact with other Commissions through ExCom in order to share MarCom's ideas. Compromised with the goal of generating technical knowledge for the maritime community, the Commission is working on new topics that include: circular economy and materials for breakwaters, post-extreme event inspection and how to deal with metocean construction risks. Moreover, MarCom continues to review older WG-reports as to provide updates if needed.

In the second half of the year, three MarCom reports were published:

- WG 159 - 'Renewables and Energy Efficiency for Maritime Ports'
- WG 184 - 'Design Principles for Dry Bulk Marine Terminals'
- WG 185 - 'Master Plans for the Development of Greenfield Ports'

Eighteen Working Groups are still in progress, all of them with a great level of participation from the National Sections, Qualifying Members and Platinum Partners.

During the meeting, MarCom Chairman Egbert van der Wal gave two interesting presentations: one on the report status of WG 145 and another on new development trends as Digitisation, Energy Transition and Innovation in Infrastructures.

After the meeting, the MarCom members enjoyed a fantastic dinner and the Port of Stockholm hosted an impressive site visit to one of its port projects.
NEWS FROM INCOM

WG 206 Third Meeting in Lyon, France

InCom WG 206 had a very good meeting following the PIANC-SMART Rivers Conference in Lyon, France. The WG also a great tour of the CNF facility, thanks to Sebastian Roux for hosting the meeting. The next meeting is likely to be held in the week of 9 March 2020 in Brazil.

John D. Clarkson
Chairman of WG 206

NEWS FROM YP-COM

Argentina’s Participation in the PIANC-SMART Rivers Conference in Lyon, France, 30 September-3 October 2019

PIANC-SMART Rivers 2019 took place last October in Lyon, France. Argentina was well represented by a delegation of 9 professionals and port representatives. The Argentinian YP’s, with Mr Ariel Savarese, Mr Sebastián Villalba and Mr José Grau, played a very active role during the Conference, presenting three out of the five papers of the Argentinian delegation.

Ariel presented ‘Development of the Port of Barranqueras and its Role in the Paraguay-Paraná Waterway’, where a Reactivation and Reconversion Plan was implemented since 2016, driven by the Port Authority. Secondly, Sebastian's paper, 'Use of Hydrodynamic Models for Decision Making in Dredging Works. Uruguay River Waterway Case (Argentina)', describes the studies performed to determine the appropriate location of the navigable channel in a 15-km section in the Uruguay River. Finally, Jose's presentation,
'Container Logistics in Paraguay, Terport Case', describes the very significant growth of container throughput in Paraguay during the recent years.

Sebastian García, Secretary of PIANC Argentina, and Ramiro López Saubidet presented the remaining two Argentinian papers. Mr García gave insight about how to deal with non-authorised intervention on Aids to Navigation. He shared solutions found to mitigate acts of vandalism on buoys and wave gauge, which should be based not only on technical analysis and security policies, but also on social interchange involving stakeholders in everyday Inland Waterway issues. Mr López Saubidet, on his turn, presented on City-Port relationship and its influence in the social environment.

**Argentinian YP-Group Closing Meeting of the Year and Workshop**

During the end-of-the-year event of PIANC Argentina, held on 29 November 2019, the papers presented by Argentinian professionals throughout the year at PIANC international conferences were presented. Moreover, the good attendance and participation of Argentinian YP's in events such as the AGA in Japan, the last BTV in Singapore or the PIANC-SMART Rivers Conference in France received special attention.

Following the event and seizing the opportunity of welcoming so many YP’s from all around the country, the YP-group organised a meeting and a workshop. After reviewing the events and activities of the past year, the 2020 programme was drafted, including possible events and main goals and strategies for the year to come. The 16 YP’s attending the meeting renewed their commitment to further strengthen the YP-group in Argentina.

**Technical Visit YP-Com PIANC Japan, 14-15 November 2019**

On 14-15 November 2019, the Japanese YP’s organised a site visit to Kagoshima Port and the Ibusuki Coast. The Kagoshima Prefecture has 131 ports, which is the largest number in Japan.

Before the site visit, five YP-seminars took place: 1) Fluidised sand method for filling after pile remove, 2) Reliability of liquefaction and post-liquefaction properties data of hydraulic fill sampled from a reclaimed site, 3) Sedimentation simulation and the countermeasure, 4) Introduction of wave-dissipating block used in Ibusuki coast, 5) Bathymetry survey using green LiDAR mounted UAV.

The YP's also visited a new terminal for cruise ships at Kagoshima Port. The current 160,000-tonne berth will be changed to 220,000 tonnes, and another 160,000-tonne berth will be developed in 2021.

Ibusuki is an 'Onsen town', which is famous for its sand baths. The hot spring groundwater is heating the beach sand and bathers are buried in the heated sand. However, the beach erosion has been severe. As
a countermeasure, detached breakwaters, groins and shore protection are now being constructed and the beach will be nourished as not to affect the hot spring groundwater.

PIANC Australia – New Zealand (ANZ) YP-Com Activities

PIANC Young Professionals Technical Tour and Networking Event

The NSW Chapter of PIANC ANZ and the Port Authority of New South Wales celebrated a technical tour for YP's and a networking event in Sydney on 15 August 2019.

The event kicked off with a technical tour of the Overseas Passenger Terminal at Circular Quay. Flanked by the Sydney Opera House on one side and The Rocks Precinct and Sydney Harbour Bridge on the other, the Overseas Passenger Terminal is one of the most iconic and memorable cruise hubs in the world. Following the tour, all the attendees met at Cruise Bar's courtyard just next to the terminal for drinks and canapes.

Thank you to the Port Authority of NSW for hosting the tour and to ConnellGriffin for being a contributing sponsor!
PIANC Australia-New Zealand YP tour of The America’s Cup Infrastructure Project

On 16 October 2019, 30 YP’s from PIANC ANZ were hosted by the Wynyard Edge Alliance on a tour of the America’s Cup infrastructure construction project. The tour, led by Alliance Director Kurt Grant, included visits to the Hobson Wharf Extension, the new breakwater structures off Halsey and Wynyard Wharves and new Team New Zealand base. The tour concluded with a networking event in the Wynyard Quarter.

PIANC ANZ Hosts Networking Event in the Heart of Darwin

The Port of Darwin is a hub of commercial and recreational activity, linking both business and leisure with its maritime environment. With recent and planned major projects shaping Darwin and its port activities, PIANC YP-Com recently took the opportunity to provide an event that would connect the local coastal and maritime community.

The event took place on 21 November 2019 at Hotel Darwin and was well attended by professionals from a diverse range of organisations who came to meet new people and strengthen existing connections. A variety of engineering consultancies, including Aurecon, GHD, Cardno and SMEC, were represented, as well as industry suppliers, oceanographic study consultancies and Darwin Port.

The event was organised by local PIANC YP-Com Rep Jade Hundziak who described how she is keen to establish and build a PIANC community in which people from throughout industry and academia can share knowledge and expertise. Jade called on the attendees to get involved and have their say on events which would be of interest and benefit.
**PIANC YP-Com Netherlands End-of-the-Year Party in Rotterdam**

Young PIANC Netherlands finished off the year with a great networking event with maritime partners organising the first edition of the Maritime Pubquiz. An enthusiastic group of 80 YP's from Boskalis, Van Oord, Damen, Royal HaskoningDHV, Damen, KIVI and PIANC crushed their brains and pumped up their maritime knowledge in a pub in Rotterdam. The teams were mixed with YP's from different companies enabling maximum networking (and knowledge).

After the pubquiz itself, the DJ started his music and dancing lasted till closure of the venue. It was a great event and one to repeat in next years!

**PIANC Chile Speech in a Post-Graduate Programme at the University of Santiago de Chile**

On 28 September 2019, in Valparaíso, PIANC member Raul Oberreuter gave a keynote speech in the ‘Planning, Management and Governance of the Port Cities Programme’ of the University of Santiago of Chile.

As a PIANC member, the professional exhibited on Maritime and Port Engineering in Chilean cities, referring to national and international regulations, highlighting the importance of PIANC as an international technical entity for the planning of maritime works.

His presentation entitled ‘Maritime, Port and Coastal Engineering and the Chilean Coastal Cities’ addressed topics that went from the definition of natural conditions in the sea to parameters of ports designing relating the technical dimension with urban elements that makes up the port cities.
Carolina Piccoli (Nina), the YP-Com Chair for the Americas, was an invited speaker at the 1st edition of the Ports and Coasts Brazil 2019 (Portos e Costas Brasil 2019) on 4-5 November 2019 in Florianópolis. Nina provided an overview of PIANC and highlighted the importance of establishing a National Section in Brazil. "One of PIANC’s missions is to provide state-of-the-art guidance on waterborne transport-related topics for professionals through the Technical Reports."

Having a PIANC National Section in Brazil would facilitate the involvement of Brazilian professionals in the development of such reports." The National Waterway Transportation Agency (ANTAQ) is leading the establishment of Brazil as a National Section which is expected to be realised in 2020.

Vacancies for YP-Com

We recently made a call for candidates for several YP-Com leadership appointments to be made in 2020. Other upcoming appointments will include YP Observer roles for ProCom, CoCom, RecCom (Alternate), and PTG CC.

For now, we are seeking candidates for the following roles sent from PIANC headquarters to PIANC Members:

- Co-Chair (International) – to succeed Eslie Vrolijk when she becomes YP-Com Chair in 2020
- Vice-Chair, Europe-Africa – successor to Daan Jumelet in 2020
- Vice-Chair, Asia-Pacific – successor to Tom Shand in 2020
- YP Observer to ProCom (immediate appointment)
- YP Observer to CoCom (immediate appointment)
- Alternate YP Observer to RecCom* (immediate appointment)
- YP Observer to PTG CC (immediate appointment)

Please note that candidates should not have reached the age of 40 years before starting their mandate.

In case you want to apply for any of these vacancies, we kindly ask you to contact your National Section or your First Delegate of your country's Qualifying Membership, with the YP-Com board and PIANC General Secretariat in copy (ypcom.secretary@gmail.com and sabine.vandevelde@pianc.org).

Anyone from a non-member country is still encouraged to apply for these roles (i.e. a country with no Qualifying Membership or National Section). In this case, please respond directly to us (with copy to the PIANC General Secretariat) with your CV and a formal letter of motivation to apply to the email address: ypcom.secretary@gmail.com.

Andy Thomas, Eslie Vrolijk & Rodrigo Moltó
Chair, Co-Chair and Secretary of YP-Com

NEWS FROM THE PIANC COMMUNITY

PIANC Argentina National Section End-of-the-Year Event

On 29 November 2019, the National Section of PIANC Argentina, represented by the Argentine Association
of Port Engineers (AADIP), for the first time held its end-of-the-year event in the Argentina Center for Navigation in Buenos Aires.

Then, following a still recent tradition, the 2019 edition of the PIANC Argentina/AADIP Yearbook was presented, offering the opportunity to recall the active Argentine participation in PIANC Technical Commissions, as well as the past and future local and international activities. The event, that gathered almost 50 persons, among them many Young Professionals, ended with a toast to thank all the Individual and Corporate Members of the National Section who accompanied us throughout the year, to celebrate 2019's achievements and to wish the local section a flourishing 2020.

The gathering started with a technical session during which the Argentine representatives, who presented papers during the PIANC-SMART Rivers Conference in Lyon, France were able to repeat them to the local public in Argentina. Also, the Argentine representatives who participated in the 7th Biennial Technical Visit in Singapore and the PIANC Annual General Assembly in Japan told us about their experience.

Then, following a still recent tradition, the 2019 edition of the PIANC Argentina/AADIP Yearbook was presented, offering the opportunity to recall the active Argentine participation in PIANC Technical Commissions, as well as the past and future local and international activities. The event, that gathered almost 50 persons, among them many Young Professionals, ended with a toast to thank all the Individual and Corporate Members of the National Section who accompanied us throughout the year, to celebrate 2019's achievements and to wish the local section a flourishing 2020.

Technical Workshop on 'Mooring and Berthing Equipment' at Puertos del Estado in Madrid (Spain)

On 5 November 2019, a Workshop about mooring and berthing equipment took place in Puertos del Estado, Madrid. The Workshop was organised by the National Association of Ports and Coasts (PIANC Spain) and was attended by 90 people.

During the workshop, several topics were exposed, such as the experiences of the Port Authority of Valencia and Baleares, the necessities of terminal operators for quay wall construction, the dynamic analysis of berthing ships, dynamic mooring systems, automated mooring systems, as well as systems optimisation of tenders and berthing aid systems.
PIANC Joins Santos Export Forum 2019 in Brasilia

PIANC continued its collaboration with Qualifying Member Brazil through participation in the 2019 edition of the Santos Export Forum on 8-9 October 2019 in Brasilia. This annual international forum, hosted by the Brazilian National Waterway Transportation Agency (ANTAQ), with sponsorship of some 40 public and private sector organisations, is focused on the expansion of the Brazil port logistics sector.

As Brazil’s primary gateway for commerce and industry, the Port of Santos is a critical node in global trade for the country.

This 9th annual edition of the forum focused on the key challenges and opportunities facing the sector, including agrobusiness, transport sector innovation, global shipping, foreign trade regulations, and intermodality and logistics. Over 150 port, logistics and governmental experts were in attendance.

Nicholas Pansic, PIANC Vice-President for the Americas, was an invited speaker and chaired a panel discussion on port environmental sustainability. He was joined on the panel by Jacqueline Andrea Wendpap, Chief of Staff of ANTAQ, Captain Lieutenant Adriana Pina, Ports and Coast Directorate of the Brazilian Navy’s Maritime Authority, and Jennyfer Tsai, Director of Infrastructure for the Port of Santos.

Mr Pansic provided an overview of PIANC and its value to the industry, in particular with respect to port environmental sustainability, as evidenced by our groundbreaking Working With Nature initiative.

PIANC’s participation in the 2019 Santos Export Forum helped build upon the cooperative framework established between PIANC and Brazil via the October 2016 PIANC-COPEDEC meeting in Rio de Janeiro. It was also timely in terms of endorsing and supporting the accession of Brazil from a Qualifying Member of PIANC to a National Section, expected to be realised in 2020.
Gathering Event 'Flow Together' in Myanmar

In September 2019, Mr Aung Phyo Kyaw organised the gathering event 'Flow Together' for Port & Harbour, River & Coastal Professionals in Myanmar. The event covered sharing sessions, as well as technical sessions and career opportunities and educations. Mr Aung Phyo Kyaw introduced PIANC and the YP-Com activities all over the world to the audience. Thirty-five people attended the event, including young professionals and students.

Please refer to further information by clicking [here].

Aung Phyo Kyaw

PIANC Australia & New Zealand (A&NZ) closed the year with a series of successful regional technical and networking events in Darwin, Melbourne, Perth and Sydney

PIANC A&NZ Chair Will Glamore noted that 2019 had been a momentous year with many successful events held and more major initiatives underway. Of most importance to him was the establishment of our six Regional Chapters. Located across the ANZ region, the chapters provide an easier way for members to connect with PIANC and to get involved with various leadership opportunities.

2019 had seen 18 seminars and networking events in Adelaide, Auckland, Brisbane, Darwin, Hobart, Melbourne, Perth and Sydney. PIANC A&NZ had also successfully co-Convened the biennial Australasian Coasts and Ports 2019 Conference.

Looking towards 2020, an exciting two-day Pre-Conference Symposium Nature-Based Solutions for Coasts, Ports and Estuaries on 15-16 June 2020 has been planned for our inaugural Asia Pacific biennial conference APAC 2020 in Fremantle, WA.

Protecting populations and infrastructure within our coasts, ports and estuaries is a major challenge in this era of rapid environmental change. To address this challenge, in recent years there has been growing focus on adopting nature-based solutions in flooding and erosion risk management projects.

These solutions use natural processes and ecosystems, to provide an alternative, ‘green infrastructure’, form of protection. Such ecosystems include reefs, wetlands, submerged aquatic vegetation, mangroves, as well as hybrid approaches that integrate both traditional and nature-based approaches.

This timely and future-focused Symposium will bring together a range of multi-disciplinary groups, including engineering, planning, restoration ecology, resource economics, and policy experts, to discuss recent international developments in successful nature-based solutions for coastal, port and estuary applications.

The Symposium will highlight the latest innovations worldwide, lessons learnt, and implementation challenges from users across a spectrum of backgrounds – from researchers to practitioners to end users. It will provide essential knowledge and leadership for the future.

We look forward to seeing you in Fremantle at PIANC APAC 2020. Register your interest online: [www.PIANC2020.com](http://www.PIANC2020.com).
**NEWS FROM OUR PLATINUM PARTNERS**

**ShibataFenderTeam in PIANC MarCom Working Group 211**

PIANC MarCom Working Group 211 looks back at an intense year with an impressive progress in creating the updated ‘Guidelines for the Design of Fender Systems’. ShibataFenderTeam is an active and leading industry member contributing their expertise.

The productive meetings led to the publication of the table of contents that the group agreed on in November 2019. It is good to see that design aspects for the entire fender system are included. The ShibataFenderTeam Group had always advocated a holistic view to the entire system. More specifically, the industry should no longer consider single components like the rubber unit, steel panels, or chains separately, but rather focus on their interaction to improve the fender systems’ performance as well as its service life. A holistic approach can reduce maintenance, replacement, and consequential costs at the terminal.

Our experience with a holistic approach is conveyed to the Working Group in order to ensure a high-quality fender product for the client. We are highly committed to increase the industry’s awareness of the relevance of a comprehensive concept. “The consequences of overall design problems and typical failures should never be underestimated which is why we at ShibataFenderTeam make it our effort to clear up common misconceptions about fender system design”, as Dominique Polte, Board Member at SFT explains.

ShibataFenderTeam actively supports the combined focus of all parties to ensure transparent international quality standards as a firm and reliable basis.

We look forward to host the next Working Group Meeting in Valencia in April 2020.

**Anna-Lena Pahl**
Marketing Manager ShibataFenderTeam

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**Trelleborg Launches Guide to Future-Proofing Fenders**

Trelleborg’s marine and infrastructure operation has launched a new five-step guide to authenticating fenders. This will help designers, operators and owners of port infrastructure procure these systems more confidently, safe in the knowledge that they are investing cost-effectively in equipment that guarantees quality and reliable performance over the long term.

Titled ‘Future-proofing Fenders’, the guide highlights the importance of robust material analysis, independent third-party testing including the importance of Thermo-Gravimetric Analysis (TGA) testing and how velocity, angle and temperature factors affect fender performance. The guide also compares best practice examples of how specifiers should expect information about the critical factors affecting fender performance to be presented.

Richard Hepworth, President at Trelleborg’s marine and infrastructure operation, said: “In the high stakes modern port environment, there’s no margin for error. That’s why effective and reliable fender systems are mission critical equipment. They have a direct impact on the safe and efficient operation of our ports, helping to improve berthing management procedures and increase vessel throughput.”

With rubber compound compositions changing and new manufacturing bases emerging, testing procedures need to keep pace to ensure fender performance standards are consistently maintained. Regulations and guidelines do exist, but how can you be sure that the product you buy is genuine? Is the test certificate enough to guarantee performance?

‘Future-proofing Fenders’ provides everything you need to know to ensure that you’re procuring fender equipment which has been effectively tested to deliver a performance you can rely on.

Rubtech Fender Systems, High-Quality Rubber Fenders Manufactured in UAE under the HIRA Group

Without strong quality planning, a project carries an increased risk that the client won't be satisfied with the results. The risk can vary from major to minor. However, in the end, the delay and costs influence on the project due to bad quality cannot be compromised.

The Rubtech Fender Systems Brand is a growing brand manufactured in United Arab Emirates, under the Hira Industries umbrella. Complying to its mission statement, Hira industries is dedicated to provide customers in the marine construction sector with products of the highest quality at an affordable price.

Rubber Fender Product, as well as other rubber products is a sensitive product, it requires a sophisticated quality assurance plan to assure that final product is not defected, and achieves client’s perceived value. Due to the high competition and economic situations, we monitor that some of the marine contractors are only focusing on the price, and it ends up with paying more money to fix the quality raised issues and delay penalties.

In the Gulf area, the environmental conditions are extremely tough, due to the high temperature factor and many other reasons. Recently, we received a case from one the biggest marine contractors in the Middle East and Asia. They have got fenders for a Ferry Station project and the fenders have cracked within a month before the ferry station even started to come into operation. The contractor replaced the full fenders using Rubtech High-Quality Fenders manufactured in UAE.

We are highly recommending customers to give more importance to quality as much as they attach importance to the commercial part.

PUBLICATIONS

Just Shipped

The following publications were published in September-October 2019:


Moustafa Said
Product Manager (Rubtech Fender Systems)
m.said@rhira.com
• WG 175 (EnviCom): ‘A Practical Guide to Environmental Risk Management (ERM) for Navigation Infrastructure Projects’

Publications Pipeline

The following publication will be published in January 2020:

• WG 178 (EnviCom): ‘PIANC-PTG CC Working Group on Climate Change Adaptation for Maritime and Inland Port and Navigation Infrastructure’

Find our publications at https://www.pianc.org/publications.
Save money by becoming a member of PIANC and download ALL PIANC publications FOR FREE on the Members Only password protected pages!

OBITUARY

Hugo Velsink (1930-2019)

On 10 December 2019, Hugo Velsink, Honorary Member of PIANC, died at the age of 89 years. Mr Velsink has been very active in PIANC, especially in the Permanent Commission for Developing Countries (PCDC), as CoCom was called before 2000. As a member of this Commission, he was engaged in the organisation of the 2nd PCDC Seminar in Surabaya, Indonesia, in 1996. Moreover, he was Chairman of the PCDC from 1996 until 2001.

After he studied and obtained the MSc diploma Civil Engineering at the Technical University of Delft, Mr Velsink worked for Shell in Algeria for two years. Subsequently, he joined the staff of NEDECO, the Dutch platform of consulting firms working internationally.

As a relatively young engineer, he became responsible for the design and construction supervision of an entirely new port in Iran, near Bandar Abbas in the south (presently called Shahid Rajaee). He was also involved in several other projects, mainly in the field of ports.

Mr Velsink developed his capabilities as a port engineer when he set up his own consultancy firm in this field: Velsink Port Consultancy. His focus was on developing countries, very much in line with his PIANC activities. In 1978, he was appointed as Professor at the Technical University of Delft, where he occupied the chair of Ports and Waterways until his retirement in 1995. During this period, his combination of theoretical knowledge and practical experience formed the basis of the well-known port engineering specialisation within the Faculty of Civil Engineering.

After his retirement, he continued to attend the PIANC meetings in the Netherlands. But above all things, he enjoyed life, with his wife, travelling to distant regions. His last words were: “I have had a good life and done many things. Now it is done. Have a toast to me when I am gone.” So that is what we will do.