

AUGUST 2023

PIANC USA NEWSLETTER



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USA's newest
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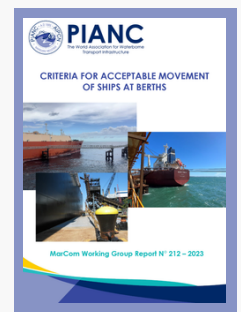
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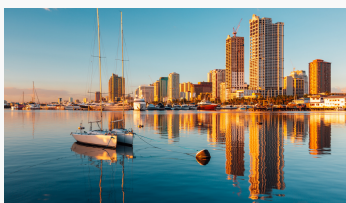
RECENT TECHNICAL PUBLICATIONS

PIANC is well known for publishing reports that change how we approach and operate in the world of waterborne transportation. These reports are available for FREE for PIANC USA members and for purchase for non-members. Doesn't FREE sound like a better price for this valuable resource? Join [PIANC USA](#) - we assure you, it's worth it!

NOW AVAILABLE: MarCom WG212 - Criteria for Acceptable Movement of Ships at Berths



UPCOMING PIANC EVENTS



PIANC COPEDEC X Conference
Manila, Philippines
9 October - 13 October 2023



35th PIANC World Congress
Cape Town, South Africa
29 April - 3 May 2024



PIANC USA Smart Rivers Conference
Memphis, Tennessee, USA
September 2025

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PIANC ANNUAL GENERAL ASSEMBLY



US Delegation:

Nick Pansic - Ron Coles - Sandra Knight - Joe Mantey - Jim Walker



Francisco Esteban Lefler and Nick Pansic



Jim Walker reading acceptance letter on behalf of Calvin Creech

Every year, global PIANC leaders and representatives gather to discuss issues, obstacles, and the assorted fortuitous events facing the vast and diverse world of waterborne transportation and - just as importantly - diligently plan how PIANC will continue to play a pivotal role in its evolution.

This year, a delegation of PIANC USA members attended the 2023 PIANC International Annual General Assembly in Oslo, Norway from 23-25 May 2023, including Ron Coles, Sandra Knight, Nick Pansic, Joe Mantey, and Jim Walker.

Representatives from around the world gathered to examine all components of PIANC, including the progress of individual commissions, the status of international working groups, the successes of past events to be leveraged in the planning activities of upcoming events, and even the development of a tailored strategic plan for the future.

Key highlights for the U.S. Delegation included:

- Nick Pansic - nominated and approved as Honorary Vice President
- Calvin Creech - nominated and approved as the Vice President of the Americas
- Burton Suedel - nominated and approved as Chairman of PIANC Environmental Commission
- The recent success of the PIANC America Conference and Biennial Technical Visit in April 2022.

Congratulations on these well-deserved appointments!

TO STAY UP TO DATE WITH ALL OF PIANC'S LATEST NEWS AND EVENTS, [CLICK HERE!](#)

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35TH PIANC WORLD CONGRESS

"FUTURE READY WATERBORNE TRANSPORT - UNLOCKING AFRICA"



CAPE TOWN, SOUTH AFRICA | 29 APRIL - 3 MAY 2024

The South African chapter of the PIANC is excited to host the 35th PIANC World Congress and invites you to attend!

Technical workshops will kick off two days before the conference, where technical experts will present on a variety of important and emerging topics in the area of sustainable transportation. The actual conference will be comprised of a collection of presentations on technical papers focused on research and development within the waterborne transportation industry, as well as Technical Tours of various ports and coastal sites, and Social Tours to Cape Town attractions.

Hosted in the spectacular city of Cape Town - a city that is perched between two oceans and the mountain with a national park and Natural Wonder of the World as its heart - the 35th PIANC World Congress is a splendid opportunity to discover the oldest city in South Africa, and most importantly, engage in the critical discussions that address the work necessary in creating a sustainable maritime sector, and beyond that, the advancement of waterborne transportation as a whole.

PIANC looks forward to seeing you in Cape Town!

FOR MORE INFORMATION VISIT: [HTTPS://PIANCWORLDCONGRESS2024.CO.ZA](https://piancworldcongress2024.co.za)

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LEADERSHIP PROFILE

SANDRA KNIGHT, PHD, PE, D.WRE, D.NE
PIANC USA COMMISSIONER
PRESIDENT, WATERWONKS LLC



Early in her career, Sandra Knight spent time conducting hydraulic research on navigability at the Waterways Experiment Station for the United States Army Corps of Engineers (USACE). In this role, Dr. Knight saw firsthand the value of the state-of-the-art knowledge and guidance that PIANC technical reports provided her with when conducting research via the USACE Library. The rest is history: she decided she would join PIANC and expand her access to their research and reports that provided such insight on her work on vessel effects and navigation structures.

Dr. Knight's journey as a PIANC member began with using her knowledge to her advantage: right away, she began contributing to reports, joining Working Groups, and organizing U.S. Section events. Her contributions led to her taking the role of U.S. representative on the Inland Navigation Commission, eventually becoming the Chair. Being in this position allowed Dr. Knight to enrich her career in ways she could not have imagined, from her exposure to the designs and principles of the unique projects that crossed her path to the long-standing relationships she formed.

For Dr. Knight, PIANC's unique makeup of experts both in the U.S. and abroad provided an unmatched access to the navigation community of practice. Participating in PIANC has led to established relationships across the navigation sector and informed guidance updates to USACE engineering manuals. Dr. Knight found PIANC members' rich experiences and backgrounds irreplaceable when collaborating on best principles and practices in navigation engineering. Overall, these collaborations – and the opportunities they provide for continuous networking and learning – have been an integral part of Dr. Knight's career.

Beyond its impact on her career, however, Dr. Knight's contributions to PIANC also continue to be felt to this day. During the early 2000's, when PIANC was going through an evolution of its processes and practices with relation to its contributions to waterborne transport infrastructure, Dr. Knight and her InCom team worked diligently to put together and execute a strategy that would take them towards a more sustainable future. Looking at PIANC as a whole today, Dr. Knight can see firsthand the advances the organization has made in expanding its global footprint, fostering young professionals, and preparing our infrastructure for climate change – work that she continues to be proud of as a PIANC member and PIANC USA Commissioner.

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LEADERSHIP PROFILE

RON COLES, P.E.
PIANC USA COMMISSIONER
PRINCIPAL, W.R. COLES AND ASSOCIATES



Ron Coles has devoted his career to port and economic development projects on strategic planning and business issues as well as permitting, engineering, and design. He has completed river port projects around the country and has held leadership positions in several national and regional waterways and economic development organizations. Clients have included public port authorities; private river terminals; state port authorities; state DOTs; chemical, steel, minerals, power, wood and cement companies; barge lines and railroads; the US Army Corps of Engineers; US DOT; and other federal agencies. Impressive, right? So, why PIANC?

Joining PIANC was an easy decision. PIANC provides unique global networking opportunities: shared interest in port development and waterborne commerce provides a forum for understanding lessons learned from around the world. The ability to meet professionals of varied expertise and backgrounds and to learn how similar goals and objectives have been managed in other countries and contexts has allowed Mr. Coles to learn and apply best practices in his own work. Personal interactions with PIANC's international members have been critical in stimulating the creative thinking required to best serve his clients.

Further, Mr. Coles' participation in PIANC Working Groups provided opportunities to work with colleagues from 9 countries to produce the detailed reports "Masterplans for the Development of Existing Ports" (MarCom WG 158) and "Ports on Greenfield Sites – Guidelines for Site Selection and Master Planning" (MarCom WG 185). In general, Working Groups provide fantastic opportunities to conduct deep dives into the subject matter, as well as organizational, leadership and communications techniques for gathering and compiling information from volunteer participants with diverse backgrounds and geographic locations. For Mr. Coles, these experiences were "most rewarding, and humbling," and he was grateful for the opportunity to be a member of these teams providing valuable information to the global community via Working Group participation.

So back to our original question: why PIANC? From government entities, port authorities, industry leaders, carriers and shippers, engineering, and construction firms from around the world, the diverse fields of collaborators are what make being a PIANC member special for Mr. Coles.

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DE-PAEPE WILLEMS AWARD

2023 AWARD WINNERS (TIE)

Marvin Kastner (Germany)


Synthetically Generating Traffic Scenarios for Simulation-Based Container Terminal Planning

Jurjen De Jong (Netherlands)

Quantifying the Risks of Climate Change on Inland Water Transport in the Netherlands

DPWA 2023 Competition
INTRODUCTION OF SPEAKERS

- Marvin Kastner is Research Associate and PhD Candidate at the Hamburg University of Technology in Hamburg, Germany
- He is a graduate of the University of Hamburg, with BSc and MSc degrees in Information Technology
- Mr. Kastner will present his paper on "Synthetically Generating Traffic Scenarios for Simulation-Based Container Terminal Planning"



DPWA 2023 Competition
INTRODUCTION OF SPEAKERS

- Jurjen de Jong is a Hydraulic Modeler with SWECO in Stockholm, Sweden
- Former Member of Deltares, The Netherlands
- He is a graduate of the Delft University of Technology with a BSc in Civil Engineering and an MSc in Hydraulic Engineering
- Mr. de Jong will present his paper on "Quantifying the Risks of Climate Change on Inland Water Transport in the Netherlands"



2024 APPLICATIONS ARE NOW OPEN!

Each year, the distinguished De-Paepe Willems Award is given to the most outstanding technical paper prepared on a topic related to waterborne transport, from design and construction to maintenance and beyond.

Young Professionals: strengthen your career pathway by promoting your expertise within the field! Did we mention? There are amazing perks for the top 3 winners. Submit your application today!

Learn more about the award and how to apply here: <https://www.pianc.org/award/de-paepe-willems-award>

IMPORTANT DATES TO KNOW

Abstract submission:
15 September 2023



Full paper submission:
31 October 2023

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PIANC YOUNG PROFESSIONALS

 **LEARN MORE ABOUT PIANC YP'S ON LINKEDIN**



Looking to jump-start your career? Are you already going places? Check out PIANC's Young Professionals!

With bespoke events around the world, exclusive awards and recognition, and dedicated YP seats on every PIANC Commission and Working Group, PIANC's Young Professionals are continually offering ways to build on your personal knowledge and expand on your professional horizons.



Shown here at an exclusive tour of a local port in Fort Lauderdale, FL, USA at the recent Biennial Technical Visit, the Young Professional Commission of PIANC is dedicated to supporting the involvement of Young Professionals in PIANC activities around the world. Get started by following PIANC's YPs on LinkedIn: <https://lnkd.in/ga4WsAPE>.

Italy | 2007

Austria | 2009

The Netherlands | 2011

Panama | 2013



Belgium | 2015

Australia | 2017

Singapore | 2019

United States | 2022



**TO BECOME A PIANC YP OR LEARN MORE CLICK HERE:
[HTTPS://PIANC.US/PIANC-USA-YOUNG-PROFESSIONALS](https://pianc.us/pianc-usa-young-professionals)**



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PIANC USA YOUNG PROFESSIONALS

PROFESSIONAL NETWORKING OPPORTUNITIES ABOUND!

PIANC YP Comm recently hosted a joint networking Happy Hour event with the Young Coastal Scientist and Engineers Conference of America (YCSEC) in Madison, Wisconsin on August 11.

The YCSEC-A conference brings together young scientists and engineers that are concerned with physical coastal processes for interaction and provides a forum for feedback related to coastal projects in research and in practice. And what better collaborators than like-minded PIANC Young Professionals?!

It was an engaging event attended by 7 representatives of PIANC YP. With such a unique opportunity to contribute to the important discussions impacting this field of practice, PIANC YP engineers were excited to meet graduate students and other up-and-coming professionals in the industry and talk all things coastal.



TO BECOME A PIANC YP OR LEARN MORE CLICK HERE:
[HTTPS://PIANC.US/PIANC-USA-YOUNG-PROFESSIONALS](https://pianc.us/pianc-usa-young-professionals)



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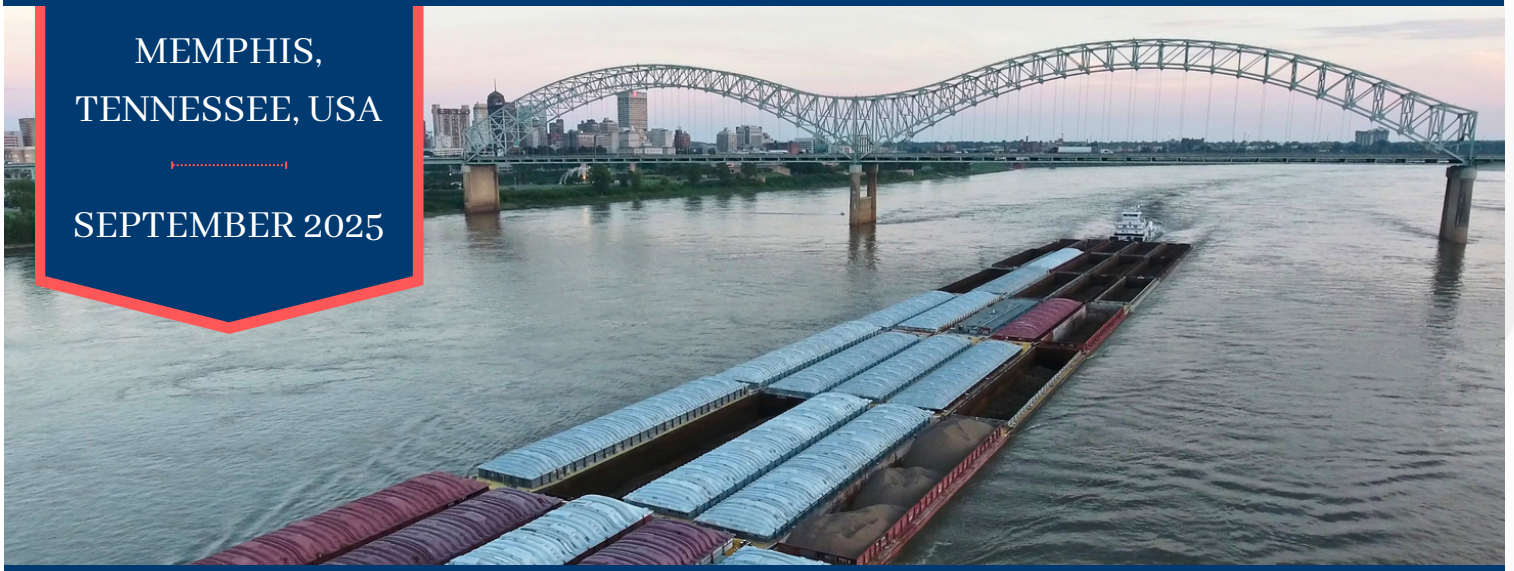


ANNOUNCING SMART RIVERS 2025

AN INTERNATIONAL CELEBRATION OF LARGE NAVIGABLE RIVERS

MEMPHIS,
TENNESSEE, USA

SEPTEMBER 2025



JOIN THE PLANNING PARTY! EMAIL YOUR INTEREST TO PIANC@USACE.ARMY.MIL

WELCOME

PIANC USA is honored to host organizations from around the world who share our mission of committing to fostering progress in all fields related to waterborne transportation. Welcome to our newest PIANC USA corporate members!



At the forefront of environmental technology for the shipping industry



CANAL DE PANAMÁ

Facilitating world maritime trade with 170 countries served and 1920 connected ports



Durable wide-ranging urethanes and polyureas for the marine industry

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