


WINTER 2023

PIANC USA NEWSLETTER



WHAT'S INSIDE

Click each section below to learn more! 

PIANC America Conference 2023

Join PIANC USA's Latest Webinar - THIS WEEK!

Meet Nick Pansic & Dr. Burton Suedel

Explore Working Group Vacancies

View New Membership Rates & More!

WORKING GROUP VACANCIES

- RecCom WG244 'Climate Change Adaptation Planning for Marinas and Boat Harbours'
Application Deadline 28 February 2023
- RecCom WG245 'Carbon Management for Marinas and Boat Harbours'
Application Deadline 28 February 2023

Read more on page 7 and visit www.pianc.us/news-and-events/workinggroupvacancies to apply!

UPCOMING EVENTS

- 'Design & Assessment of Marine Oil, Gas, & Petrochemical Terminals' Webinar on 16 February 2023
Visit www.pianc.us/events/webinar-mogpt for more information
- PIANC America Conference & BTV from 24-27 April 2023, Fort Lauderdale, FL
Visit www.piancamerica2023.org for more information

Don't forget to renew your PIANC membership!

You can renew online at www.pianc.us/membership/renew-membership.

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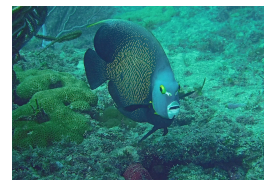
PIANC AMERICA 2023 CONFERENCE & BIENNIAL TECHNICAL VISIT

The PIANC America 2023 Conference and Biennial Technical Visit (BTV) is scheduled to be held in Fort Lauderdale, Florida from 24-27 April 2023. This will be the first such gathering in the Western Hemisphere. PIANC USA is very excited to host technical specialists in navigation, marine construction, dredging, and port operations as we convene to share thoughts and ideas and hear presentations from industry leaders and innovators. The theme of the conference is *Sustaining Ports, Waterways, and Marinas in a Changing Climate*.



The PIANC America 2023 Conference will have some of the most influential keynote speakers in the industry, including PIANC President **Francisco Esteban Lefler**; Assistant Secretary of the Army for Civil Works and PIANC U.S. Delegation Chairman The Honorable **Michael Conner**; and Managing Director at Sealand - A Maersk Company **Michael Britton**. The topics discussed will present a robust discourse on waterborne transportation in the American continent and range from ports, harbors, and waterways to the environmental impact of waterborne transportation. In addition to the conference itself, PIANC America offers two unique opportunities for additional learning and professional growth: a short course and technical visits.

The technical visits will be part of PIANC's **Biennial Technical Visit (BTV)**, providing professional growth opportunities for Young Professionals (under 40). The PIANC America BTV tours will take place at Port Miami, Port Everglades, and at F|3's brand new and state-of-the-art dry dock storage facility. Be sure to register and book your stay before the hotel reservation deadline of 15 February!



To learn more and register, visit www.piancamerica2023.org

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PIANC AMERICA 2023 SPONSORSHIP OPPORTUNITIES

PIANC USA is proud to announce Conference and BTV sponsorship opportunities for any interested parties. To learn more about the sponsorship opportunities and their benefits, please visit: www.piancamerica2023.org/sponsorship-opportunities.

CONFERENCE SPONSORSHIPS				BOOTHS
Platinum Sponsor	Gold Sponsor	Silver Sponsor	Bronze Sponsor	Standard Booth
\$12,500	\$7,500	\$5,000	\$2,500	\$1,800
Large logo visible in all event marketing materials	Mid-size logo visible in all event marketing materials	Small logo visible in all event marketing materials	Name listed in all event marketing materials	10' x 8' booth space in rooms E & F
3 full registrations	3 full registrations	2 full registrations	1 full registration	Draped table, two chairs
1 booth (preferred location)	1 booth	2 x Coffee Break Sponsorships or benefit of equivalent cost (including BTV), as available	1 x Coffee Break Sponsorship or benefit of equivalent cost	Electrical supply & Wi-fi access
2 x Plated Lunch Sponsorships or benefit of equivalent cost (including BTV and conference bag) – choice of dates	1 x Plated Lunch Sponsorships or benefit of equivalent cost (including BTV and conference bag), as available	Conference Bag, one flyer		
2 x Coffee Break Sponsorships or benefit of equivalent cost (including BTV) – choice of dates	Conference Bag, one flyer, and/or gifts			
Conference Bag, marketing brochure and gifts				

BIENNIAL TECHNICAL VISIT SPONSORSHIPS	
Platinum Sponsor	Gold Sponsor
\$5,000	\$3,000
Large logo visible in all BTV marketing materials	Mid-size logo visible in all BTV marketing materials
2 x BTV Technical Tour Sponsorship	1 x BTV Technical Tour Sponsorship
1 x Coffee Break Sponsorship or benefit of equivalent cost	1 x Coffee Break Sponsorships or benefits of equivalent cost
Conference Bag, one flyer, and/or gifts	Conference Bag, one flyer
Host offering venue at no cost will get recognition as Platinum Sponsor with other benefits to be agreed	Individual sponsors of BTV Technical Tours will get recognized in BTV marketing materials as Technical Tour Sponsors

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UPCOMING & COMPLETED WEBINARS

LAST CHANCE TO REGISTER! MARCOM WG153B: DESIGN AND ASSESSMENT OF MARINE OIL, GAS, & PETROCHEMICAL TERMINALS



Marine oil, gas, and petrochemical terminals, by the nature of materials being handled, may pose risks to the marine and coastal environment, as well as affect health and safety. To minimize this risk, PIANC Working Group 153B has established a set of guidelines and recommendations for the design and assessment of MOGPTs, applicable across the global community. Their research expands on earlier 2016 guidance with a new emphasis on LNG terminals. Join

Ron Heffron, Senior VP at COWI, on 16 February as he discusses the methodology and key takeaways from this report, focused on near-shore and at-shore marine terminal infrastructure including site & concept selection, ship/shore interface, and much more. Register [here](#) today!

RECENT (2022) WEBINARS

- **MarCom WG211: Updated Guidelines for the Design of Fender Systems**

On 7 December, presenter Run Iversen of Simpson Gumpertz & Heger (SGH) presented an overview of new guidelines, including new information on berthing velocities and the development of energy safety factors. Missed the event but still interested to learn about PIANC's updated fender guidelines? View the recording [here](#)!

- **Marine Transportation System Resilience Assessment Guide**

On 15 June, PIANC USA hosted a successful webinar presenting a guide of processes for organizing and understanding the complicated systems that comprise the marine transportation system. View the recording [here](#)!

- **EnviCom WG214: Beneficial Use of Sediment**

On 28 April, Dr. Burton Suedel presented a webinar discussing the practice of using sediment as a beneficial resource, drawing from existing approaches and best practices. This webinar was the first of three informative and successful webinars hosted in the 2022 calendar year.

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LEADERSHIP PROFILE

**NICHOLAS PANSIC, PE, D.NE,
PIANC VICE PRESIDENT FOR THE AMERICAS,
VICE PRESIDENT, STANTEC CONSULTING SERVICES INC.**



Engineer, mentor, leader. The engineering expertise and industry leadership of Nicholas Pansic, PIANC Vice President for the Americas, have made a significant impact on the global waterborne transportation community. Mr. Pansic brings to this role a decades-long career highlighted by his participation in the assessment, design, and construction of water, navigation, and energy projects around the world. The early 2000's saw Mr. Pansic's most notable contribution to the navigation industry through his work with the Autoridad del Canal de Panamá (Panama Canal Authority) on their \$5 billion expansion program. He collaborated with PIANC experts to provide the Authority with the technical resources they needed to confidently proceed with a hugely successful enterprise.

As Chair of PIANC Task Group 181 (The State and Perspective of Waterborne Transport Infrastructure Worldwide), Mr. Pansic led a blue-ribbon team of global thought leaders that investigated ongoing and emerging trends, technologies, and new business models for the development of sustainable and efficient waterborne transport infrastructure. The Task Group put forward innovative topics of interest and importance – a sign of PIANC's solutions-oriented, forward-thinking approach to industry challenges.

His early-career work on U.S. Army Corps of Engineers (USACE) navigation lock projects (Kentucky & Chickamauga) provided an awareness of the challenges of operating and maintaining the aging navigation infrastructure in the U.S. Through USACE's partnership with PIANC, Mr. Pansic was introduced to PIANC USA's larger, global network of technical and professional resources. Since joining, he has regularly leveraged PIANC's international network of expert resources to aid his work and benefit his clients. Just as much of Mr. Pansic's professional success was informed by his engagement with PIANC, there are a wealth of PIANC partners, projects, and products that have been guided by his participation. It is this collaborative focus, along with an appetite for new knowledge and ideas, which gives Mr. Pansic confidence that PIANC will continue to be a leading voice in the industry.

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LEADERSHIP PROFILE

BURTON C. SUEDEL, PH.D.
PRINCIPAL U.S. DELEGATE TO THE ENVIRONMENTAL COMMISSION
RESEARCH BIOLOGIST, U.S. ARMY ENGINEER RESEARCH AND DEVELOPMENT CENTER



The quote, “never stop learning because life never stops teaching” very much aligns with Burton Suedel’s philosophies. When he joined PIANC, Dr. Suedel was looking to enrich his professional career. He was encouraged by PIANC USA members who cited opportunities to meet and learn from other subject matter experts from around the world – and little did he know the impact these opportunities would have on his career. Achieving more sustainable navigation infrastructure is a familiar goal and challenge for Dr. Suedel. PIANC has been instrumental in shaping his professional growth toward this goal: By participating in Working Groups, learning from other PIANC members, and seeing innovative projects first-hand, Dr. Suedel has evolved his approach and become a leading contributor to the field of sustainable infrastructure.

His participation in the development and publication of the Guide for Applying Working with Nature (WwN) to Navigation Infrastructure Projects (EnviCom Working Group 176) in 2018 was a definite high point for Dr. Suedel’s PIANC career. WwN offers a framework to design new infrastructure or rehabilitate existing infrastructure in a way that works with natural processes. Publishing the Guide for Applying WwN has helped the navigation industry advance the application of the WwN philosophy throughout the world – benefitting both industry stakeholders and the communities near navigation projects.

What drives Dr. Suedel to keep pursuing new knowledge with PIANC? A resultant positive impact on the industry is what he counts as success. Luckily for him, there are plenty of ways that Dr. Suedel can create a positive impact with PIANC, whether through contributing to a Technical Report or international networking and sharing knowledge with industry experts. And luckily for us, PIANC members are invited to join these conversations, sharing and gaining knowledge from the field as Dr. Suedel has done so aptly during his tenure with PIANC USA.

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WORKING GROUP VACANCIES

RECCOM WG244 'CLIMATE CHANGE ADAPTATION PLANNING FOR MARINAS AND BOAT HARBOURS'

Recreational navigation and nautical tourism infrastructure will be adversely affected by climate change. In addition to playing their role in carbon management and decarbonization (i.e., moving to 'net zero' greenhouse gas emissions), designers, owners and operators of such infrastructure need to take action to strengthen resilience and adapt to climate change. This includes planning for gradual changes in parameters such as temperature and sea level, and to the expected increase in the frequency and severity of extreme events.

This working group report will target specific conditions of marinas and recreational navigation infrastructure to develop guidance for climate change planning and adaptation. It will provide practical guidance for implementation of best practices for incorporating resilience and adaptation measures in the redevelopment of existing infrastructure and development of new marinas.

RECCOM WG245 'CARBON MANAGEMENT FOR MARINAS AND BOAT HARBOURS'

Effective carbon management involves steps to reduce and offset greenhouse gas emissions and sequester carbon. While the International Maritime Organization under the United Nations Framework Convention on Climate Change reached agreement on a global set of initial short-, medium-, and long-term strategies to reduce international shipping greenhouse gas emissions, there has been much less focus on the infrastructure that supports waterborne transport.

This working group report will target specific guidance and requirements for marinas and boat harbours related to climate change mitigation (carbon management and decarbonization). In addition, WG245 will review earlier reports written by RecCom WG188 & WG217.

APPLY FOR THESE WORKING GROUPS BY 28 FEBRUARY 2023!

Working Group Members should either be an Individual Member of PIANC, working for a Corporate Member, be an invited expert or a be a member of a Sister Organization. To apply, visit the PIANC USA website at: www.pianc.us/news-and-events/workinggroupvacancies.



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RECENT RELEASED REPORTS

MARCOM WG235 'SHIP DIMENSIONS AND DATA FOR DESIGN OF MARINE INFRASTRUCTURE'

This report provides information on the dimensions and characteristics of ocean-going vessels by type and size, including selected data that are relevant to the planning and design of marine infrastructure for those vessels.

The range of vessels covered includes container vessels, dry bulk carriers, mixed use bulk carriers, cruise vessels, oil tankers, product and chemical tankers, gas carriers (LPG & LNG), general cargo, refrigerated cargo, livestock carriers, car carriers, RoRo, RoPax, ferries and fishing vessels. Descriptions of the characteristics of different vessel types and data on the world's fleet distribution by size and type are also outlined. Read the report here: www.pianc.org/publications/marcom/wg235.



MARCOM WG153B 'RECOMMENDATIONS FOR THE DESIGN & ASSESSMENT OF MARINE OIL, GAS, AND PETROCHEMICAL TERMINALS'

This report serves as an update to PIANC's 2016 publication of a similar name and – for the first time ever – addresses Liquefied Natural Gas (LNG) terminals in its recommendations. It also provides a set of guidelines for the design and assessment of at-shore and nearshore marine oil, gas, and petrochemical terminals, applicable to the global community, intended to reduce risk to marine and coastal environments as well as health and safety.

The guidelines provided focus primarily on the marine terminal infrastructure, including site selection and concept selection and everything from the ship/shore interface to the foreshore area of the terminal. The ship/shore interface includes both jetties and nearshore floating vessels and their connection to the foreshore area. The foreshore area often includes the control room, electrical power supply and distribution, lighting, pig launcher/receiver, parking, security infrastructure, and related facilities. Join PIANC USA's Ron Heffron to learn more about this report at our upcoming webinar on 16 February: www.pianc-marcom-wg153b.eventbrite.com. Download the report from the pianc.org member portal, or purchase it here (www.pianc.org/publications/marcom/wg153b) to learn more!

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MEMBERSHIP RATES & MEMBERSHIP LEVEL CHANGES

As of 1 January 2023, membership rates & levels changed along with the introduction of our newest membership tier, Platinum Partners. Don't worry – this won't impact current members until it's time to renew. Learn more about these tiers and their related benefits at: www.pianc.us/membership/benefits.

Student Annual Membership	Individual Annual Membership	Small Business Annual Membership	Corporate Annual Membership
Any active student 30 years and younger interested in PIANC.	Any person interested in PIANC without corporate membership.	Any organization that is an SBA-Certified small business.	Any organization that is not an SBA-Certified Small Business.
\$40	\$150	\$1,000	\$2,500

PLATINUM PARTNERS

PIANC USA is proud to offer our newest membership package, Platinum Partners! Organizations are encouraged to join at a rate of \$10,000 per year for each of 4 years. In exchange, these Platinum Partners are eligible for a range of benefits that can launch your organization's visibility within our targeted market of members and partners. See below or visit www.pianc.us/membership/platinum-partners for details.

\$10,000 Per Year For Each of 4 Years	
Ability to advertise in the PIANC newsletter	Special recognition during PIANC events
Use of the PIANC Platinum Member logo on company website	Corporate logo on the PIANC US and PIANC International websites
Ability to appoint a member to the Promotion Commission (ProCom)	2 registrations, VIP seats, platinum lunch, prime session time and moderation opportunities at the PIANC World Congress
20% Discount on advertising in PIANC Yearbook	Complimentary or reduced registrations to upcoming events, such as the PIANC Annual General Assembly, U.S. Section Annual Meeting, Ports Conference, SMART RIVERS, PIANC-COPEDEC Conference on Coastal and Port Engineering in countries in transition, and more
Technical Reports in the field of inland, maritime, and recreational navigation, including environmental issues	Access to the PIANC Membership Directory, an international network of like-minded professionals

Don't forget to renew your PIANC membership!

You can renew online at www.pianc.us/membership/renew-membership.

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