

SUMMER 2020

PIANC USA NEWSLETTER



PIANC USA LEADERSHIP UPDATES

Meet Calvin Creech who will be serving as a liaison to PIANC America.

WORKING GROUP UPDATES AND NEWS

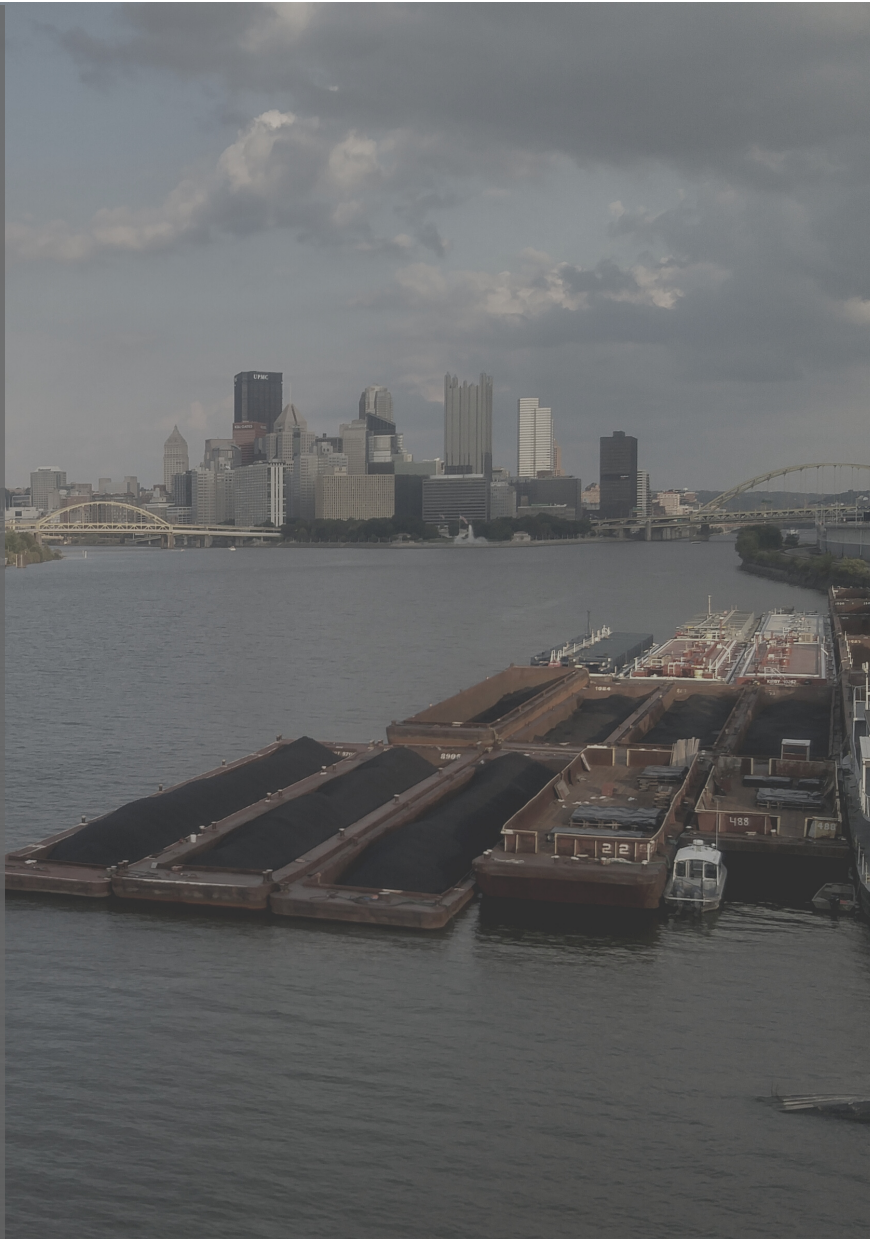
Congratulations to those who have been selected as US representatives to three new MarCom working groups!

PIANC USA WEBINAR HIGHLIGHTS

Read about the webinar initiative that PIANC USA has been working on this year. p. 4

PIANC EVENT UPDATES

Visit pianc.org for current updates on PIANC event cancellations and postponements.



PIANC APAC in Fremantle, Australia 30 Nov. - 4 DEC.



**PIANC
APAC
2020**

PIANC ASIA PACIFIC CONFERENCE
PORTS, HARBOURS AND
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FREMANTLE, WESTERN AUSTRALIA

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PIANC USA LEADERSHIP UPDATES

MEET CALVIN CREECH



PIANC USA has named Dr. Calvin Creech as their Liaison to the PIANC America Initiative. Since 2012, Dr. Creech has been the lead technical subject matter expert in South America for the US Army Corps of Engineers (USACE) Mobile District. In this role, Dr. Creech has led technical capacity building partnerships in Navigation and Integrated Water Resource Management with the Brazilian National Department of Transportation Infrastructure (DNIT), the Brazilian National Water Agency (ANA) and the Company for Development of the São Francisco River Valley (CODEVASF). Dr. Creech is the US lead on the PIANC Working Group to Develop a Classification System for South American Waterways and has led projects in Brazil, Canada, Colombia, Peru, and the United States.

As liaison to PIANC America, Dr. Creech will assist in coordinating activities aimed to develop PIANC leadership from the Americas, promote professional development and training, and encourage collaboration amongst the maritime navigation communities. The PIANC America Initiative was created by the PIANC International Co-Operation Commission (CoCom), and PIANC USA was identified as the lead National Section for coordinating this regional initiative.

Dr. Creech is a Civil Engineer with degrees from Lawrence Technological University (BS), the University of Michigan (MS), and Wayne State University (PhD). Dr. Creech has been awarded the 2012 USACE Detroit District Innovator of the Year, the 2015 USACE Engineer of the Year from the South Atlantic Division and was designated as one of the Top Ten engineers in the United States Federal Government by the National Society of Professional Engineers in 2016. In 2019, Dr. Creech was appointed as a Fulbright Specialist by the US Department of State for his work in Latin America.



WORKGROUP UPDATES AND NEWS

VISIT [PIANC.US/NEWS-AND-EVENTS/WORKINGGROUPVACANCIES/](https://www.pianc.org/news-and-events/workinggroupvacancies/) FOR A LIST OF WORKING GROUP VACANCIES, AND TO APPLY.

CONGRATULATIONS TO THE FOLLOWING INDIVIDUALS WHO WERE CHOSEN AS REPRESENTATIVES FOR PIANC WORKING GROUPS:

MarCom WG 213"Design Guidelines for Marine Multipurpose Terminals":

Principal Representative: David Pryor, P.E.; Clark Nexsen

RecCom WG 202"Influence of Recreational Navigation Infrastructures (RNI) on Waterfront Projects":

Principal Representative: Robert Sloop, P.E; Moffatt & Nichol

RecCom WG 231"Mooring Bollards & Hooks: Selection, Maintenance, and Testing":

Principal Representative: Gary Greene, PE, D.PE; Gary Greene Engineers

Alternate Representative: Rune Iverson, PE; Simpson, Gumpertz & Heger

Young Professionals Representative: Adrian Pearson, PE, Moffatt & Nichol

RecCom WG 232"Metocean-Related Risks During the Construction of Marine Works":

Young Professionals Representative: Michael Angis, PE; Haley & Aldrich

RecCom WG 233"Inspection, Maintenance and Repair of Waterfront Facilities":

Principal Representative: Tom Spencer, P.E., S.E., PEng., D.PE; Moffatt & Nichol

Alternate Representative: Dan O'Connor, PE; Collins Engineers

Young Professionals Representative: Michael Ajemian, PE; COWI North America, Inc.

RECENT PIANC PUBLICATIONS

The following publications have been released since the last issue :

- InCom TG 193 - 'Resilience of the Maritime and Inland Waterborne Transport System'
- InCom WG 191 - 'Composites for Hydraulic Structures'

Current PIANC members can download their free copy of the above publications in the PIANC Members Only Section on the PIANC website (<https://www.pianc.org/login>).



PIANC USA WEBINAR HIGHLIGHTS

This past year PIANC USA initiated a new mechanism for sharing the latest from PIANC's Working Groups and Technical Commissions to our members and colleagues – quarterly webinars. Envisioned as a way to connect with and engage our membership in PIANC activities on a regular basis without the need for travel, little did we know that this form of knowledge sharing would become the primary means of communication. To date, PIANC USA has hosted three webinars: one each from EnviCom, RecCom and InCom. A MarCom focused webinar is being planned for later this year. Recordings of each webinar are available via YouTube (links below).

The initial webinar program, held 26 August 2019, highlighted the findings of the recently published EnviCom Working Group 176 Guide for Applying Working with Nature to Navigation Infrastructure Projects. Dr. Victor Magar (Principal, Ramboll), who served as both the US principal delegate and working group chair, discussed the findings of this groundbreaking study and the potential for implementing the Working with Nature approach in navigation projects. To view the webinar recording, please visit <http://www.pianc.us/envicom-wg-176-webinar-on-august-26th-2/>

The 2nd PIANC USA webinar, Fundamentals of Marina Planning & Design – from Small Recreational Boats to Superyachts, was held on 26 February 2020, organized by the US RecCom delegate Mark Pirrello (Senior Engineer, Moffatt & Nichol). This webinar referenced the Working Group 134 Design and Operational Guidelines for Superyacht Facilities and Working Group 149 Guidelines for Marina

RECCOM WGS 149 AND 134 OVERVIEW OF THE FUNDAMENTALS OF MARINA PLANNING & DESIGN FROM SMALL RECREATIONAL BOATS TO SUPERYACHTS

Design publications coupled with practical experience and applications. The featured presenters included Margaret Boshek (Coastal Engineer, Smith Group), Tim Mason (Principal Engineer, Applied Technology & Management), Nicole Pauly (Marine Structural Engineer, Moffatt & Nichol) and Megan Lagasse (Marine Director, Pier 66 Hotel and Marina). To view the webinar recording, please visit <http://www.pianc.us/reccomwg134149webinar/>



Recording of the June 17th Webinar is now available!

INCOM WG 190

CORROSION PROTECTION OF LOCK EQUIPMENT WITH DR. REBEKAH WILSON

View the recording at:
<http://www.pianc.us/incomwg190webinar/>

The US InCom delegation organized the 3rd PIANC USA Webinar Corrosion Protection of Lock Equipment with Dr. Rebekah Wilson. The webinar was held on 17 June 2020 with more than 200 participants joining live. Dr. Wilson, the Director of the Paint Technology Center, Construction Engineering Research Laboratory, U.S. Army Engineer Research and Development Center, discussed the findings of Working Group 190 Corrosion Protection of Lock Equipment with particular focus on the selection and application of

coatings for hydraulic gates in the US. To view the webinar recording, please visit <http://www.pianc.us/incomwg190webinar/>

Article submitted by Jessica McIntyre, PIANC USA Commissioner

SUBMIT YOUR ARTICLES:

If you would like to submit articles, photographs, or information to be included for consideration in future PIANC USA newsletters, please send them to PIANC@usace.army.mil

PIANC-COPEDEX X

PIANC-COPEDEC X in Manila, Philippines has been postponed until 2021. Visit pianc.org for more updates on event cancellations and postponements.

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HOW TO JOIN PIANC

PIANC membership is open to anyone interested in the sustainable development of navigation, ports, and waterways as they relate to policy.

Membership includes access to the password protected area of the PIANC website where you'll find the downloadable technical reports, magazines, on-line membership directory, and more!

PIANC USA MEMBER BENEFITS:

- **Participate in International Working Groups**
- **Networking**
- **Interactive International Website**
- **Free Access to PIANC Technical Reports**
- **PIANC Sailing Ahead and PIANC USA Digital Newsletters.**
- **International Membership Directory**
- **Complimentary or Reduced Registrations to Conferences and Workshops**
- **Professional Recognition Awards and Scholarships**
- **Development and training opportunities for Young Professionals (under 40) and Students**

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Type of Membership

Individual (\$120) receive login and password, and can download any PIANC Publications (for personal use)

Student (\$40) receive login and password

Small Corporation (\$600) Less than 20 employees - 2 login/passwords and copies of any publications (for employee use), logos and link on PIANC USA Website.

Large Corporate Member (\$1,150) 4 login/passwords and copies of any publications (for employee use), logos and link on PIANC USA Website.

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**PIANC USA 7701
Telegraph Rd. Casey
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