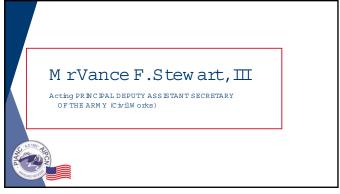


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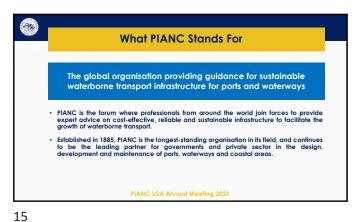




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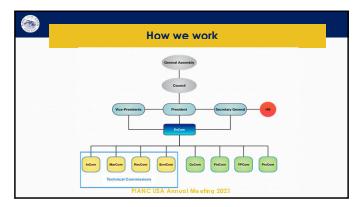
Our Mission To provide expert guidance and technical advice Bringing together the best international experts, both public and private, on technical, economic and environmental issues pertaining to waterborne transport infrastructure · High-quality Technical Reports To keep the international waterborne transport community connected Four-yearly PIANC World Congresses Four-yearly PIANC-COPEDEC International Conferences on Coastal and Port Engineering in Developing Countries To support Young Professionals and Countries in Transition PIANC USA Annual Meeting 2021

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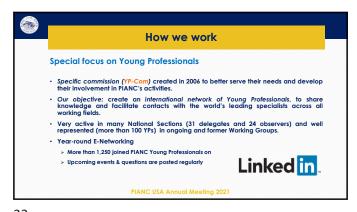




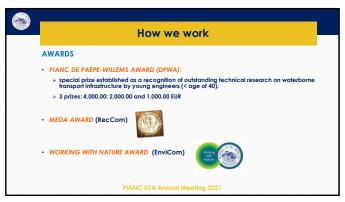


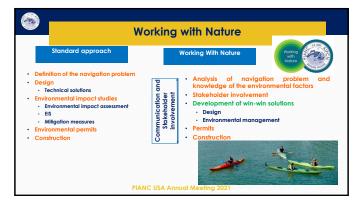






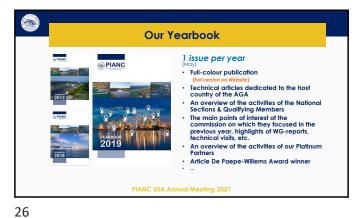
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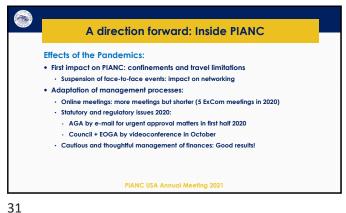












A direction forward: Inside PIANC Effects of the Pandemics (cont.) • Remarkable efforts in HQ, Commissions and Working Groups: Thanks! · Webinars and remote meetings · Larger number of successful regional events · Different evolution of the effects of pandemics and restrictions: Hybrid events: PIANC APAC 2020 at Fremantle (Australia) Conclusion: PIANC has adapted to the challenges of COVID-19 Strategies of the future are adapted to the new situation but the objectives remain the same PIANC USA Annual Meeting 2021

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A direction forward: challenges related to WTI and RNI

Digitalisation and contribution to Smart Ports and Waterways

Instrumentation of infrastructural elements:

Measure of physical magnitudes: movements, velocities, forces, strains...

Design/adapt terminals for automation

Provide physical support for digital equipment: sensors, cables, data storage and processing equipment

Integrate digital navigation services:

RIS

ATON

Communication

Facilitate single window operations

Connectivity: Port Community, intermodal links

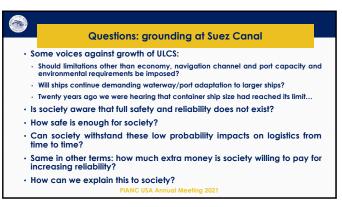
Cybersecurity

PLANC USA Annual Meeting 2021

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A 50th Anniversary in 2022

In 1972 MG Morris, Director of Civil Works of USACE proposed, on behalf of the US Section, that PIANC assume leadership in recognizing the effects on the environment of dredging and disposal of dredged material.

Approved same year by the Expanded Executive Committee of PIANC, the Commission was formed.

The final Report of the International Commission for the Study of Environmental effects of Dredging and Disposal of Dredged Material was published in 1977.

The International context was driven by:

Oslo Convention, 1972

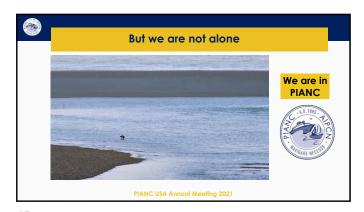
London Convention, 1974

Helsinki (Baltic) Convention 1974

Barcelona (Mediterranean) Convention 1976

PIANC USA Annual Meeting 2021

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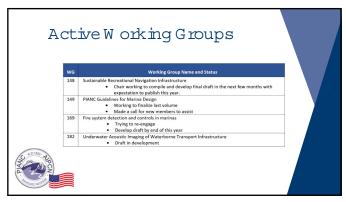








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Working Groups - Coming Soon

Terms of Reference in Development for:

Carbon Management for Marina and Boat Harbors
Climate Change Adaptation Planning for Marina and Boat Harbors
Floating Houses in Marinas

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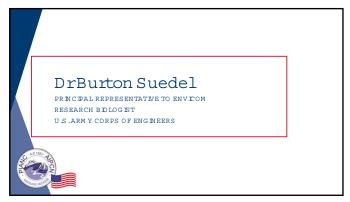
Sum mary

Mose participation from USA on Working Groups is needed, particularly as topics become mose specialized

The pandem is has in pacted participation and productivity in the WGs, but the Chair's working to be-energize activity

Any potential candidates for the MEDA award, please consider applying

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Envicom USA Team

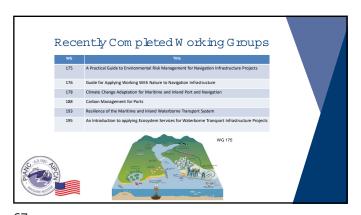
*Todd Bridges - Chair
USACE

*Burton Suedel-PrincipalRepresentative
USACE

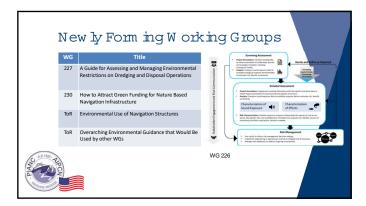
*VictorM agar-Alternate Representative
Ram boll

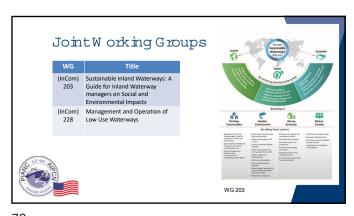
*Vacant-YP Representative

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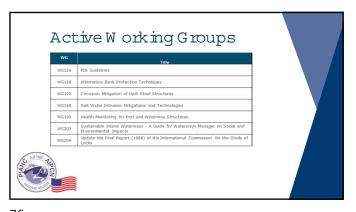


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MrMattMcCarty

PRINCIPAL REPRESENTATIVE TO YPCOM

LEAD TECHNICAL SPECIALIST

M CLAREN ENGINEERING

80



RecentAccom plishm ents

> Added board m em bers representing USA SouthEast and Great Lakes Regions

> M onthly planning m eetings

> W ebinarSeries

• Dec 20 - De Paepe W filem s W inners: Tsunam i Resilience of File Supported W harves' & M onopile Dohhin New Design Considerations'

• M arch 21 - Offshore BreakwaterDesign'& Sand M otorM ega Beach Nourishm ent'

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How can YOU get involved?

>YP Co-Chairpostion

>Working group YP position

>Volunteer to help lead or assist with YP initiative

• Matt McCarty: mmccarty@mgmclaren.com

• Nicole Pauly: npauly@moffattnichol.com

• Nick Stefani: nstefani@edgewaterresources.com

• Kayla Waltemire: pianc@usace.army.mil

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PIANC USA CoCom Updates PIANC America Initiative · Calvin Creech, PhD, PE Lead Interdisciplinary Engineer, Latin America Programs USACE, Mobile District, South Atlantic Division Duty Station: Brasilia, Brazil

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CoCom M ission $\hfill \square$ International Cooperation ☐ Promoting PIANC in Countries without National Sections or QM ☐ Create effective tools and methods to disseminate information $\hfill \square$ Organizing / Assist in COPEDEC lacksquare Organizing regional seminars and workshops

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PIANC AM ERICA INITIATIVE $\hfill \square$ The PIANC International Co-Operation Commission identified a need for coordination in the Americas ☐ Builds on Previous Events ✓ SMART Rivers, Buenos Aires (2015) ✓ PIANC-COPEDEC, Rio de Janeiro (2016) ✓ SMART Rivers, Pittsburg (2017) ✓ PIANC World Congress, Panama (2018) ☐ Latin America Group meetings and conference calls ☐ In 2020, the PIANC America Initiative was formed $\hfill \square$ Steering Committee from representatives throughout the ☐ Quarterly meetings since June 2020 (virtual)

COUNTRY STATUS ☐ Promote and Support development of National Sections and Qualifying Members National Sections

✓ Argentina
✓ Canada (new status) ✓ Colombia ✓ United States Qualifying Members ✓ Ecuador ✓ Panama

90 89







SUM M ARY □ CoCom mission on international cooperation \square Established a forum for the Americas to discuss PIANC activities ☐ Training continues to be a major area of collaboration and growth within the CoCom ☐ The PIANC America Conference is a major focus of PIANC USA

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W ORKING GROUP CERTIFICATE RECIPIENTS 2018 15 Awarded RonHeffron Helen Brohl Ellen Johnck Kevin Knight M ike Leone Ronald Coles Kelly Burks-Copes James McCarville VictorM agar George Detweiler Lauren Dunkin Nick Pansic Craig Philip

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