

STORMS, FLOODING & SEA LEVEL DEFENSE CONFERENCE AGENDA:

Wednesday, November 3, 2021 @ 0800-1300 U.S. Pacific Coast Time Via Zoom

0745 CALL TO ORDER

Stas Margaronis, Propeller Club of Northern California

Presented by
The Propeller Club of Northern California,
co-sponsored by the
Society of American Military Engineers

0800 WELCOME

- Brigadier General Joseph Schroedel, Executive Director, Society of American Military Engineers
- Jim Patti, President, International Propeller Club of the United States
- Arvind Acharya, President, Society of American Military Engineers, San Francisco
- Len Materman, Chief Executive Officer, San Mateo County Flood and Sea Level Rise Resiliency District, OneShoreline.org
- LTC Kevin P. Arnett, PhD, PE, U.S. Army Corps of Engineers, Commander, San Francisco District

0830 KEYNOTE SPEAKER

- Jamie Lescinski, Business Development Director, Royal Boskalis Westminster N.V.,
"Global Dredging: Best Practices Enhance Beneficial Use, Productivity & Reduced Cost"

0845 DREDGING STRATEGIES FOR THE UNITED STATES

- Peter Dreyfuss, Chief Operating Officer, Watermaster North America,
"Building a Modern Dredging Fleet for the United States"
with Harri Uusi-Rauva, Vice President, Sales Watermaster (Finland)

0900 IMPACT OF FLOODING & SEA LEVEL RISE ON PORTS & INFRASTRUCTURE

Hawaii:

- Derek Chow, Deputy Director, Hawaii State Harbor Division, "
Proposed Lock & Dam System to Protect Honolulu Harbor from Sea Level Rise"

Mississippi & Inland River Ports:

- Aimee Andres, Executive Director, Inland Rivers, Ports and Terminals, Inc.
"Impact & Response to Chronic Flooding on Mississippi & Inland River Ports"

U.S. Ports & Military Installations:

- Lori Adornato, Program Manager, Defense Advanced Research Projects Agency (DARPA),
"Reefense: Developing Self-healing, Hybrid Biological and Engineered Reef-Mimicking Systems"

Municipality of Rotterdam:

- Vera Konings, Flood Risk Advisor, Municipality of Rotterdam, "Regional Flood Risk
Management Strategy for the Rotterdam Region – urban areas and port"

Florida:

- Kathryn Roscoe, Senior Flood Risk and Adaptation Specialist, Deltares,
"Cascading Impacts of Flooded Infrastructure: Broward County, Florida"

Louisiana:

- Mark Wingate, P.E. Deputy District Engineer for Project Management, New Orleans District
U.S. Army Corps of Engineers, "Report on New Orleans Storm Surge Barrier Resiliency After Hurricane Ida"

1000 BREAK

1015 NATURE-BASED SOLUTIONS

Netherlands:

- Luca Sittoni, Senior Adviser and Manager of the Strategic Research Program Sustainability, Deltares,
"Developing Nature-based Solutions Strategies in the Netherlands"

Louisiana:

- Rudy Simoneaux, Engineering Chief at Louisiana Coastal Protection and Restoration Authority
"CPRA Master Plan to Address Flooding and Land Loss Coastwide"

New York:

- Jenny Hamann, Landscape Architect, Stantec, "Staten Island Shoreline: A Layered Approach to Risk Reduction"

Northern California:

- Peter Mull, Project Manager Engineering with Nature, U.S. Army Corps of Engineers, San Francisco District,
"Aquatic Transfer Facility: A Strategy to Expedite Beneficial Use Projects"
- Luisa Valiela, Environmental Protection Specialist, U.S. Environmental Protection Agency,
"Progress Report on SF Bay's Regulatory Integration Team (BRRIT)"

1130 FLOOD RISKS & STRATEGIES

Texas:

- Meri Davlasheridze, Assistant Professor, Department of Marine Sciences, Texas A&M University at Galveston,
"Update on the Texas Coastal Spine Project"
- Antonia Sebastian, Assistant Professor, University of North Carolina at Chapel Hill, Department of Earth, Marine and
Environmental Sciences, "Shortfalls of Houston Flood and Insurance Coverage During Hurricane Harvey"

California:

- Kathleen Schaefer, PhD student in Civil and Environmental Engineering, University of California, Davis, former FEMA
engineer and flood insurance specialist, "S.F Bay Area Flood Exposures & Insurance Strategies to Address Them"

1215 DESALINATION STRATEGIES

- Randy Truby, President, RL Truby & Associates, "The Urgency of a Desalination Mobilization to Address
Drought & Fires in Western States"
- Kyle Hopkins, Partner, Oisann Engineering (Norway), "Mobilizing Partners to Support a National Desalination Initiative"

1230 CONCLUSION

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