

CONFERENCE AGENDA:

STRATEGY FOR STORMS, FLOODING & SEA LEVEL DEFENSE INVESTMENTS

Tuesday, April 13, 2021 @ 08:45-12:30 U.S. Pacific Time Via Zoom

08:45 Call To Order

Propeller Club of Northern California, Stas Margaronis

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

09:00 Welcome

- John Cullather, executive vice president, International Propeller Club of the United States
- Arvind Acharya, president, Society of American Military Engineers, San Francisco
- Brigadier General Joseph Schroedel, executive director, Society of American Military Engineers

09:15 Keynote Speaker

- Melissa Roberts, executive director, American Flood Coalition, Federal Investment In Flood-Resilient Infrastructure

09:30 Investing in Flood Resiliency

- Victoria Sclafani, senior policy associate, American Flood Coalition, Highlights from "The Local Economic Impact of Flood-Resilient Infrastructure Projects" and Tools for Entities Seeking Federal Funding for Resilience
- Mike Kaminski and Sharai Lewis-Gruss, lead and senior adaptation specialists, First Street Foundation, "First Street Foundation and the Flood Factor Assessment Tool"
- Kathleen Schaefer, PhD candidate and former FEMA engineer, "Natural Disaster Risk: Liability or Asset?"



10:00 State Responses

Louisiana

- Jeff Varisco, Senior Project Manager, Programs & Project Management Division, Projects and Restoration Branch, United States Army Corps of Engineers - New Orleans District "Proposed Mid-Barataria Sediment Diversion"
- Alexander Kolker, associate professor, Louisiana Universities Marine Consortium, "Sea Level Change in Coastal Louisiana: Implications for Coastal Resilience and the Mid-Barataria Sediment Diversion."

California

- Jonathan Camp, acting chief, Office of Smart Mobility & Climate Change, California Department of Transportation (Caltrans) Division of Transportation Planning, "Climate Adaptation Planning and Investment on the State Highway System"
- Jeremy Lowe, coastal geomorphologist, San Francisco Estuary Institute, "Integrating Landscape Resiliency and Transportation Planning in the San Pablo Baylands of San Francisco Bay"

South Carolina

- Kathryn Roscoe, senior flood risk and adaptation specialist, Deltares, "Coastal Flood Resilience Support System for Coastal Communities across the U.S" based on a pilot project in the City of Charleston.

Texas

- Meri Davlasheridze, assistant professor, Department of Marine Sciences, Texas A&M University at Galveston, "The Price of Not Investing in the Texas Coastal Spine System"

10:45 Break

11:00 Lessons from the Netherlands

- Jeroen Aerts, director, Department of Water and Climate Risk, VU University of Amsterdam, "The Netherlands' Contribution to Flood & Sea Level Defense Initiatives"
- Dirk-Jan Walstra, director of the Hydraulic Engineering Department, Deltares "Advanced Flood Protection Research & Design"
- Matthijs Bos is lead climate adaptation & flood resilience for Royal Haskoning, DHV "Software Aids to Calculating Port of Rotterdam Cost/Benefit Defenses"

11:45 Saltwater Threats to U.S. Atlantic, Gulf & Pacific Coasts Watersupply

- Gracie Todd and Bill Lambrecht, co-authors, "Saltwater Threats to U.S. Atlantic, Gulf and Pacific Coasts Water Supply" 2
- Kyle Hopkins, partner, Oisann Engineering, "Offshore desalination to mitigate flooding and saltwater threats"

12:20 Conclusion & Sending the Message to Congress

Stas Margaronis, Propeller Club of Northern California

12:30 End