

Climate Adaptation Workshop: Structural Design for Coastal Flood Resilience



May 16-17, 2024
Princeton University



List of Resources from Speakers

Session	Speaker	Description	Link	
Opening Remarks	Branko Glisic	Princeton CEE website	https://cee.princeton.edu	
	Jon Heinz	Applied Technology Website	https://www.atcouncil.org	
	Maria Garlock	NSF Award Description	https://garlock.princeton.edu/2023-nsf-brite-award/	
	Maria Garlock	Garlock Research Group Website	https://garlock.princeton.edu	
State of Research/Practice	Jayantha T. Obeysekera	Fifth National Climate Assessment Report	https://nca2023.globalchange.gov	
		IPCC Sixth Assessment Report	https://www.ipcc.ch/assessment-report/ar6/	
		Climate Reanalyzer	https://climatereanalyzer.org/	
		NASA Sea Level change Portal	https://sealevel.nasa.gov/	
		NOAA 2017 SLR Scenarios report	https://tidesandcurrents.noaa.gov/publications/techrpt83_Global_and_Regional_SLR_Scenarios_for_the_US_final.pdf	
		NOAA 2022 SLR Scenarios report	https://oceanservice.noaa.gov/hazards/sealevelrise/sealevelrise-tech-report-sections.html	
	DoD/SERDP Regional SLR Scenarios		https://drsl.serdp-estcp.org/Docs/CARSWG_SLR.pdf	
		FIU Institute of Environment	https://environment.fiu.edu/about/index.html	
	Andrew Kennedy		ATC-149	https://www.atcouncil.org/atc-149
		Seth Thomas		
Victoria (Tori) Tomiczek				
Bryce W. Wisemiller	HATS (NY/NJ study)	https://www.nan.usace.army.mil/Missions/Civil-Works/Projects-in-New-York/New-York-New-Jersey-Harbor-Tributaries-Focus-Area-Feasibility-Study/ https://hats-cenan.hub.arcgis.com/		
Experimental and Numerical Capabilities and Needs	Dan Cox			
	Patrick Lynett			
Structural Engineering	Jamie Padgett	Guide Specifications for Bridges Vulnerable to	https://store.transportation.org/Item/PublicationDetail/5044?NoCategory&AspxAutoDetectCookieSupport=1	
		FHWA list of references	Coastal Engineering - HEC 1 - Publications - Hydraulics - Bridges & Structures	
		Personal website publications	http://padgett.rice.edu/journal-articles	
		Gulf Coast Study, Phase 2	https://rosap.ntl.bts.gov/view/dot/27884	
Design Approaches	Claudia Reis			
	Trung Do			
Practitioner Perspectives	Bill Coulbourne	Building Elevation website	www.hightidehomesinc.com	
	Muthu Narayanaswamy	TxDOT Hydraulic Design Manual	http://onlinemanuals.txdot.gov/TxDOTOnlineManuals/TxDOTManuals/hyd/hydrology.htm	
		FDOT Drainage Manual	https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/roadway/drainage/files/drainagemanual2024.pdf	
	Elizabeth Hodges McQuade			
Educational Efforts	Shengzhe (Jackson) Wang	Research Group website	https://www.caselab.dev	
	Shengzhe (Jackson) Wang	Class 'book'	https://drive.google.com/file/d/1H47_iWF_3FX1N1xDCLdCjIjAMi0mQrOi/view	
	Gordana Herning	Description of class	https://www.olin.edu/articles/story-new-building-design-course-addresses-olins-sustainability-goals	