



Stony Brook University

Department of Civil Engineering
College of Engineering and Applied Sciences

SPRING 2021 ONLINE SEMINAR SERIES

Dr. Muthukumar Narayanaswamy, Ph.D., P.E.
Director of Innovation, Michael Baker International

Monday, March 29th, 2:40 – 3:35 PM

Compound Flooding Challenges in Coastal Engineering

Abstract

Compound flooding is driven by a combination of multiple hazards such as storm surge, heavy rainfall induced discharge, and sea level rise. Impacts of climate change to rising sea levels and intensity of storms is exacerbating the effects of compound flooding. Efficient and effective incorporation of impacts of compound flooding is critical to execution of sustainable planning and design projects focused on flood mitigation. This talk provides an overview of practical challenges induced by compound flooding through the lens of coastal engineering and resilience projects at Michael Baker.



ZOOM LINK: Meeting ID: 950 6760 3617; Passcode: 426506
<https://stonybrook.zoom.us/j/95067603617?pwd=dXQybEprSkNITFY3WHIWyjViUG95UT09>