



NSF-Duke-NCSU-UNC

Joint MUMS Program Transition - SPUQ Workshop

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SPEAKER/ABSTRACT

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“Surge Hazards WG Issues and Efforts”

Abstract:

Coastal flood hazards are amongst the deadliest and most costly natural disasters on the planet. Their underlying processes are, in some regards, in an advanced state of knowledge. Yet, the scale and variety of both causes and effects leave open many challenging questions. And our advanced state of knowledge has failed to realize a reduction in deaths or damages.

In this talk, I will address the underlying physical processes of coastal flooding and knowledge gaps, with an eye toward current research and the overarching issue of turning knowledge to action.