

SUTER SCIENCE SEMINARS 2018-19

The Coastal Systems: What is At Risk and What is Needed to Achieve Resilience?

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Coastal areas have been experiencing unprecedented and irreversible changes due to accelerating hazards such as erosion, nuisance flooding, sea level rise, and storm surge. These emerging challenges have been reshaping the coastal ecosystems, urban and rural areas, and the functionality of ports and military installations vital for the economy, national security, and overall stability. This presentation will discuss the social dimensions of this problem with focus on the vulnerable groups such as disadvantaged and older populations, and the contextualized policy options and strategies that would help increase their coping capacity and resilience to coastal hazards.

Anamaria Bukvic, PhD, is a Research Assistant Professor in the Department of Geography at the Virginia Polytechnic Institute and State University. She has multidisciplinary academic and professional training that drives her dedication to study complex emerging issues with focus on interdisciplinary integration and holistic problem-solving. As a social scientist and human geographer, she studies coastal hazards and disasters, adaptation to sea level rise, social vulnerability and resilience in coastal communities, as well as population displacement and relocation due to coastal flooding. Her research has been funded by the National Science Foundation and the Institute for Society, Culture and Environment, Virginia Tech.



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