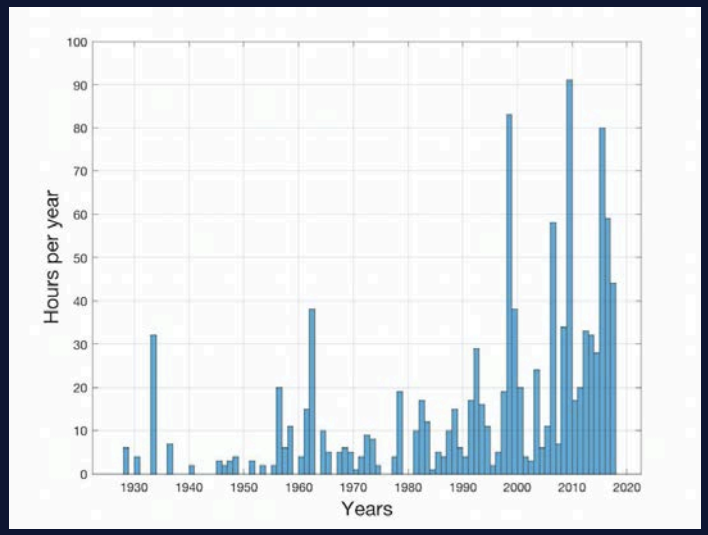
Sea Level Rise Resilience Research

Michelle Covi	Ocean, Earth And Atmospheric Sciences & Virginia Sea Grant
Wie Yusuf	School of Public Service
Carol Considine	Engineering Technology
Gail Nicula	School of Public Service
Burton St. John III	Communication & Theatre Arts

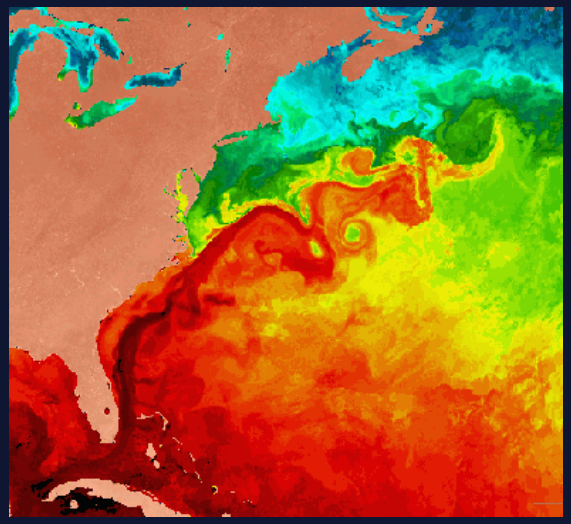
Sea Grant Virginia

Old Dominion University
Resilience Collaborative

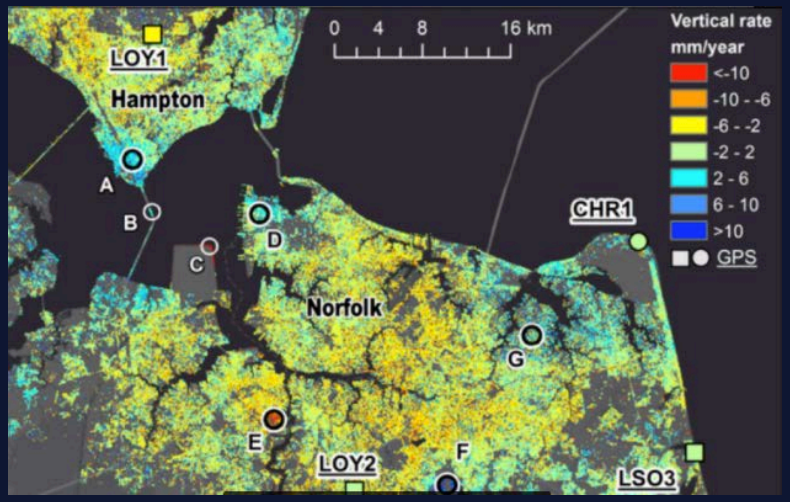
Sea Level Rise Research at ODU



Larry Atkinson- Ocean Observation



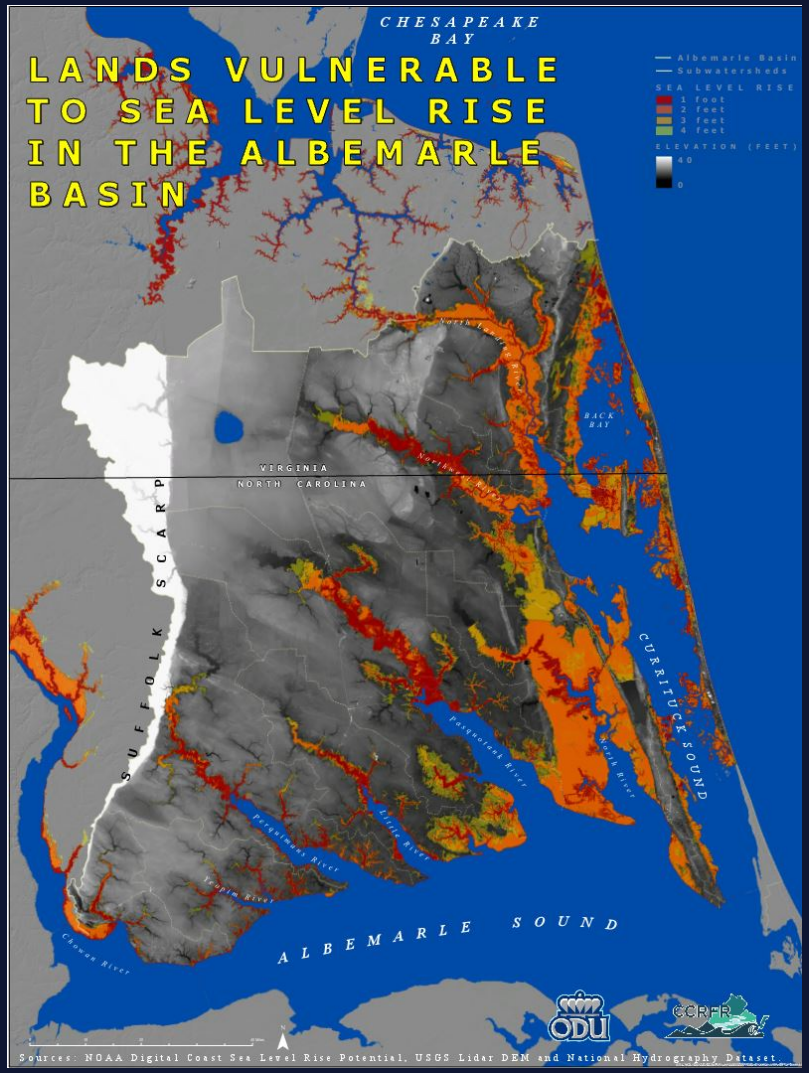
Tal Ezer- Gulf Stream



CCRFR
COMMONWEALTH CENTER FOR RECURRENT FLOODING RESILIENCY

Ben Hamlington
Subsidence Measurement using Satellites

Climate Change Research at ODU



Tom Allen
GIS/remote sensing
and spatial analysis

Michael Allen
Bioclimatology
Heat and health

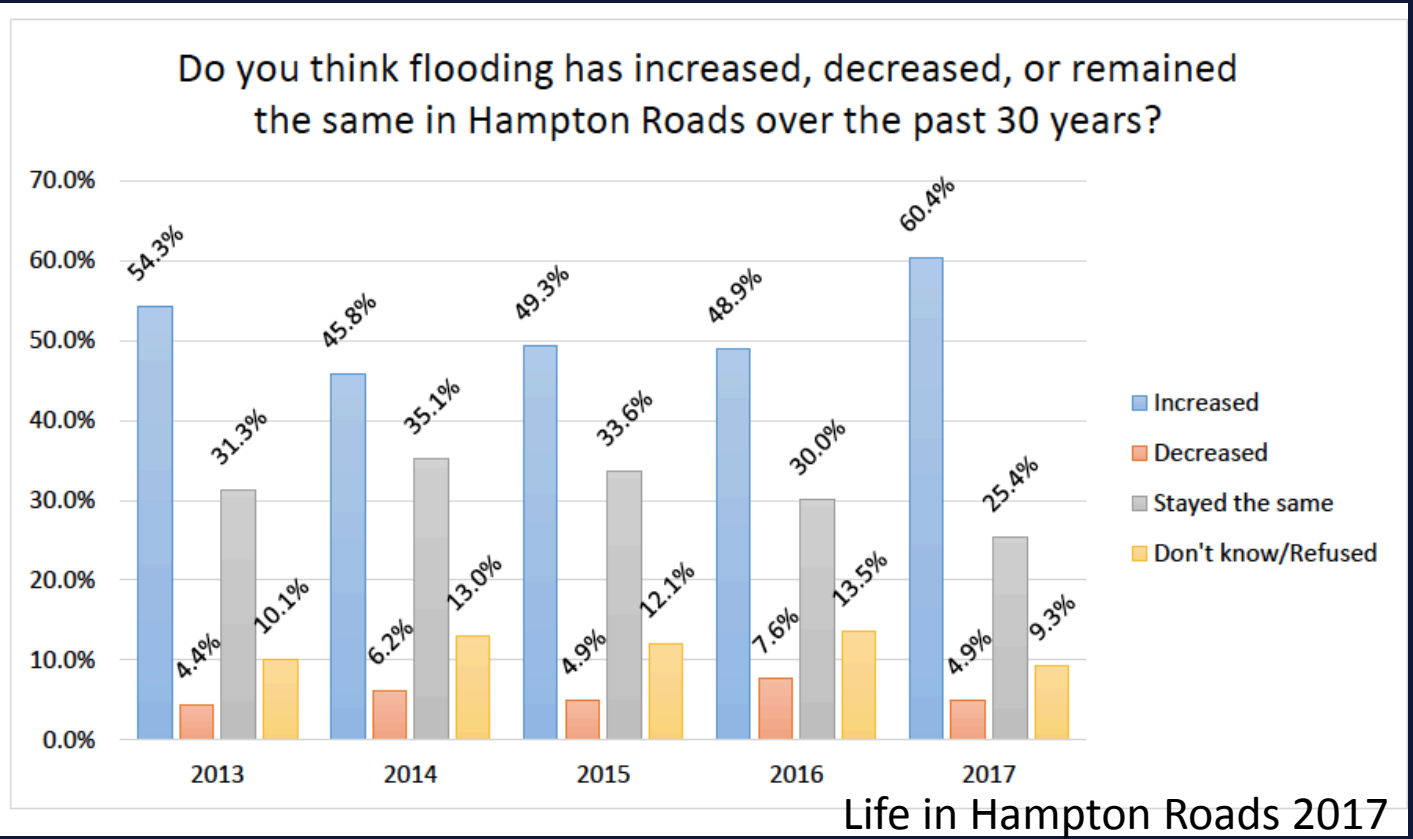
Carol Considine
Mujde Erten-Unal
Green infrastructure
Resilient Design

Navid Talvldari
Environmental
Hydrodymanics
Impacts on coastal
infrastructure

Regional Risk Perception

52% rated personal vulnerability to flooding due to sea level rise as high or extremely high

60% think sea level rise is having impacts in Hampton Roads now



Life in Hampton Roads 2017

ASERT FRAMEWORK

Action-Oriented Stakeholder Engagement for a Resilient Tomorrow (ASERT)

Gamified Approach

Participatory GIS

Interactive Polling

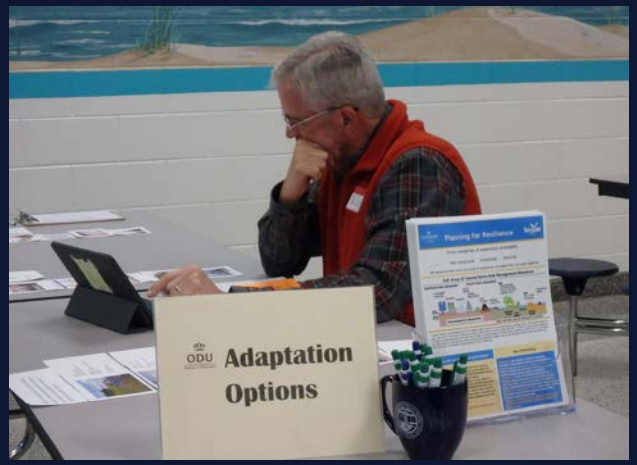
Flood Game Night

Start here

WeTable

Travel Disruptions

Flood Tolerance



Adaptation Preferences

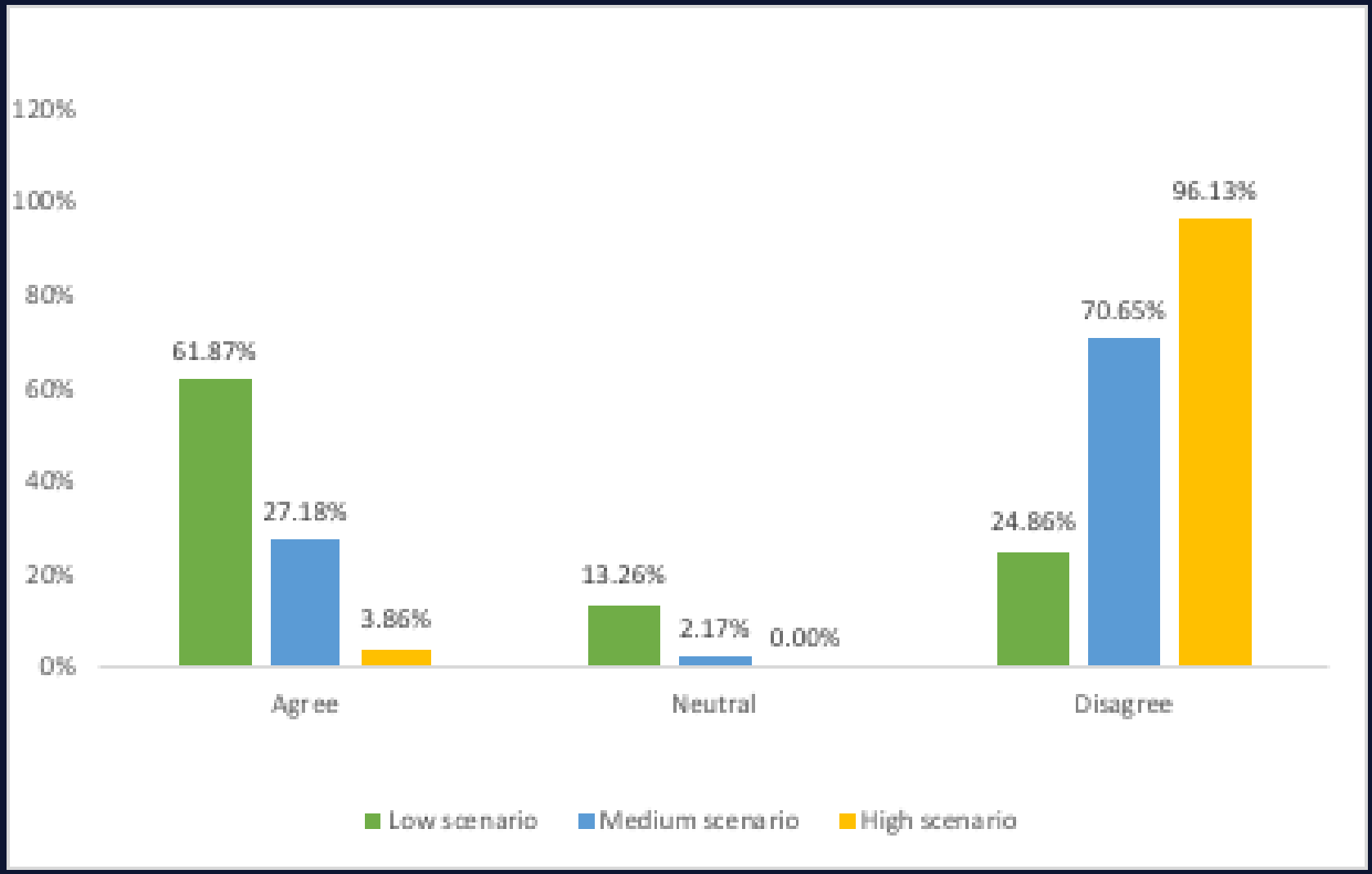
Flood Stories

Flood Tolerance

Willing to drive through the flooded roadways

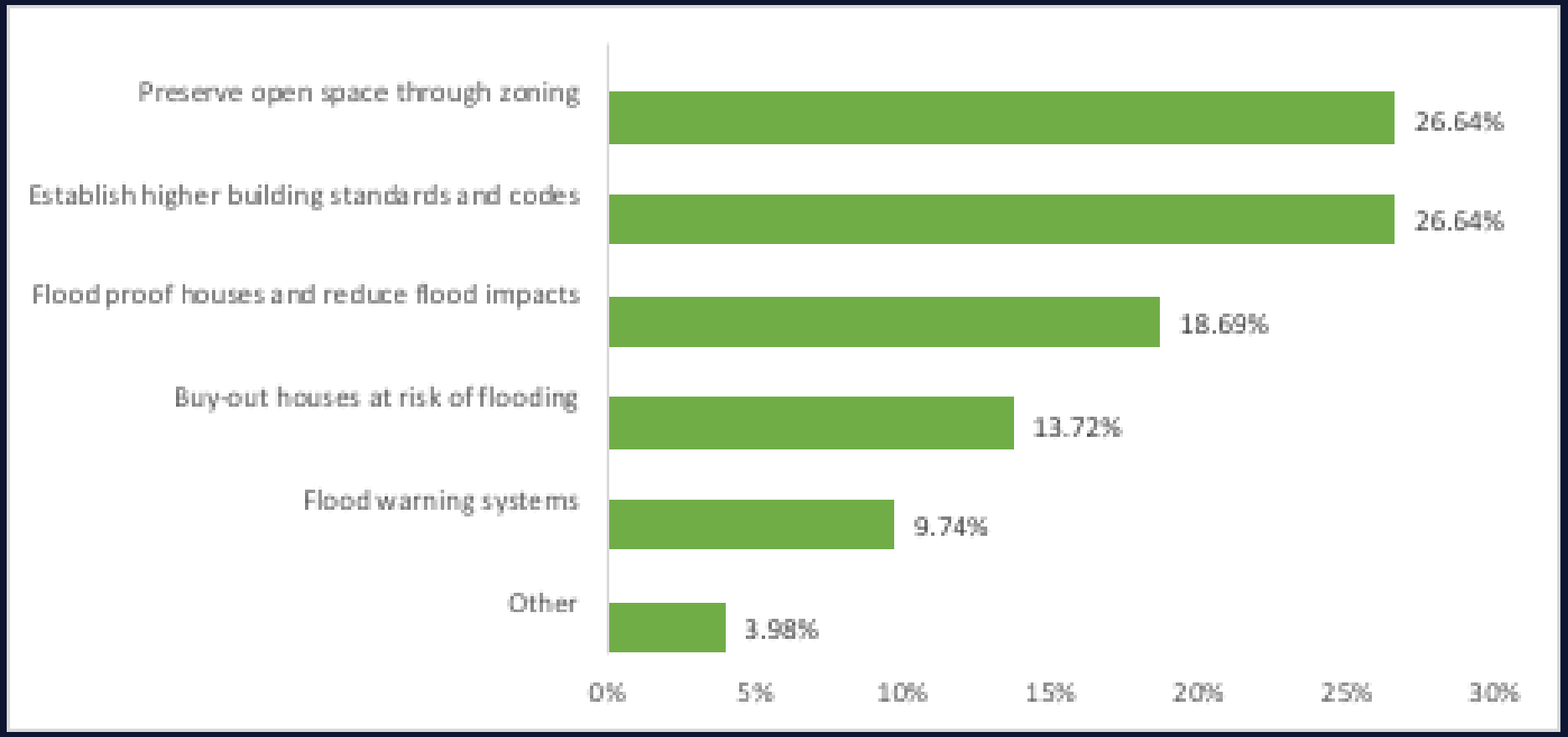
Flood Tolerance

Willing to drive through the flooded roadways



Adaptation Options for the City

Which planning and management approaches do you prefer your city to focus on? Select the top three approaches.



Participatory Mapping

tinyurl.com/resiliencemap