



# National Preservation Institute

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## Angela Schedel, Ph.D.

### Contact Information:

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### Education:

M.S. and Ph.D., civil engineering, University of Maryland  
B.S., ocean engineering, U.S. Naval Academy

### Relevant Project Experience:

City of Fort Lauderdale Historic Preservation Plan, 2022. As resilience technical lead, provided research findings, in-person community engagement facilitation, and flood vulnerability mapping expertise in support of the City's Strategic Historic Preservation Plan.

City of Venice Resilience Plan, 2021. As project manager, led the city's vulnerability assessment and adaptation planning, focused on city-owned infrastructure, historic properties, and historic districts. Public outreach included a social media campaign, community survey, interactive website, and workshops.

St. Augustine Resilient Heritage in the Nation's Oldest City, 2020. Led a team of archaeologists, historic preservationists, landscape architects, and economists to create a publication and website for use in protecting historic structures against flooding. Featured were an economic analysis of past flood events, mitigation recommendations, and a review of policy and codes which could incentivize the city's resilience.

Punta Gorda Climate Adaptation Plan Update, 2019. As resilience technical lead, conducted a vulnerability analysis of public infrastructure, including historic properties. Upon completion of the flood hazard analysis, her team presented adaptation options to city staff and public focus groups for future action including changes to the city's Comprehensive Plan.

U.S. Naval Academy Sea Level Rise Adaptation Plan, 2018. Member of USNA Sea Level Rise Advisory Council. Tasks included adoption of site-specific, sea-level rise scenarios for future planning, identification of worst-case storms and flooding, assessment of most vulnerable infrastructure, and proposed options for adaptation for historic buildings and critical infrastructure on campus.

Naval Station Norfolk Adaptation Planning Tool, 2015. Principal investigator and author of a case study of sea-level rise vulnerabilities, scenarios, and economic effects, including historic homes built for the 1907 Jamestown Exposition. The outcome is a decision-making tool for identifying which assets to adapt, how to protect them most cost effectively, and when to implement specific adaptation options.

### Teaching:

Resilience CAMP trainer, National Association of Preservation Commissions, 2021-2023

Assistant professor, Naval Architecture and Ocean Engineering Department, U.S. Naval Academy, 2015-2018 and instructor, 2007-2013

Adjunct professor, Civil and Environmental Engineering Department, University of Maryland, 2013-2015

U.S. Navy flight instructor, San Diego, CA, 2002-2005