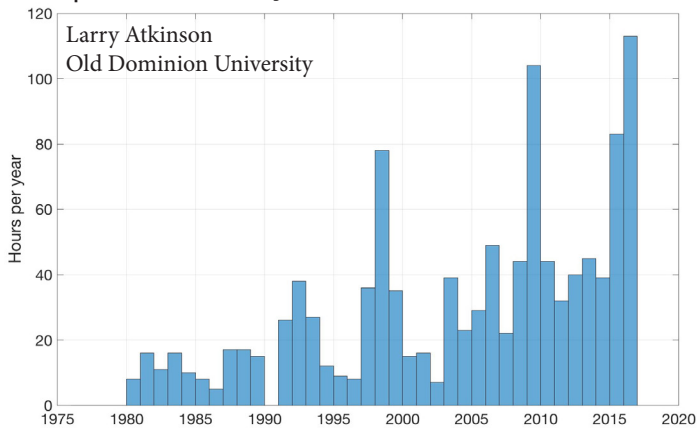


FLOODING IN CAPE CHARLES



Cape Charles, like many coastal areas, is experiencing more days of flooding due to shallow coastal flooding and drainage problems from streets due to higher sea levels and heavy precipitation during storms. For a more resilient future for the town, they participated as a pilot community in the RAFT.



The hours of flooding in Cape Charles, as measured by the tide gauge at Kiptopeke State Park show an increase since the 1970.

Rain from Hurricane Matthew in October 2016 caused flooding near the Community Center.



(Eastern Shore News/delmarvanow.com)



(Cape Charles Mirror)

Heavy rains in June 2016 combined with high tides left many of the roads underwater.

THE RAFT The Resilience Adaptation Feasibility Tool

The RAFT was developed by an academic interdisciplinary collaborative core team and the Scorecard has been vetted and revised by an Advisory Committee and focus groups of academic and practitioner experts including local government staff.



The RAFT helps communities to address challenges posed by increasing coastal hazards so that they can thrive through three key components:

- SCORECARD provides a Resilience Assessment
- COMMUNITY WORKSHOP creates a Resilience Action Checklist using ideas from the assessment
- IMPLEMENTATION enacts the Checklist through ongoing assistance in the form of technical assistance and assistance in finding funding.

The RAFT scorecard categories include Leadership and Policy; Risk Assessment, Vulnerability and Emergency Management; Planning; Infrastructure Resilience; and Community Engagement and Wellbeing.

The RAFT scorecard identified strengths for Cape Charles in hazard identification and planning; and Opportunities in communications, community engagement, and developing policies. Community leaders developed a Resilience Action Checklist in June 2017 and are working with the university team to implement those actions over the next year.

Find out more about The RAFT at ien.arch.virginia.edu/raft or Contact Tanya Denckla Cobb td6n@virginia.edu

