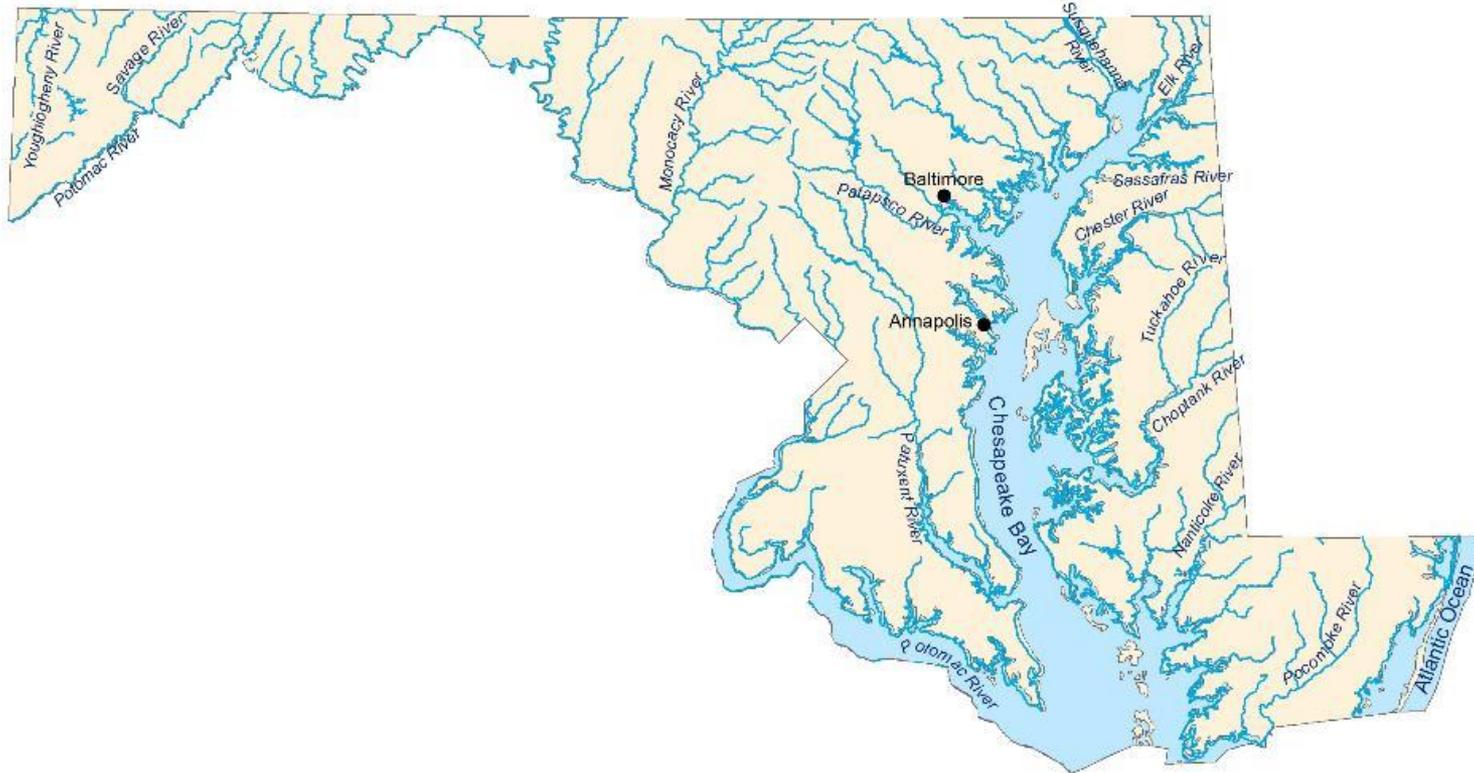


FLOOD ADAPTATION AND HISTORIC COMMUNITIES

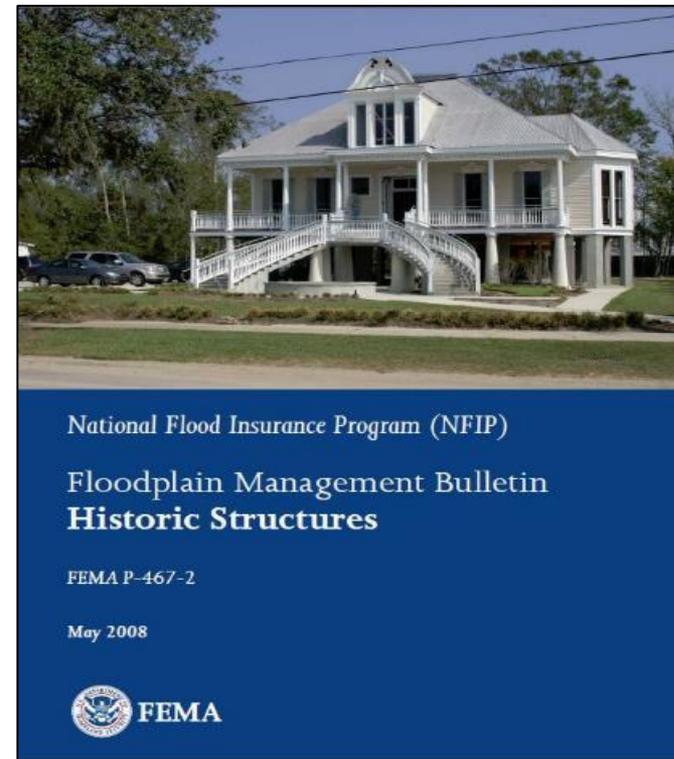
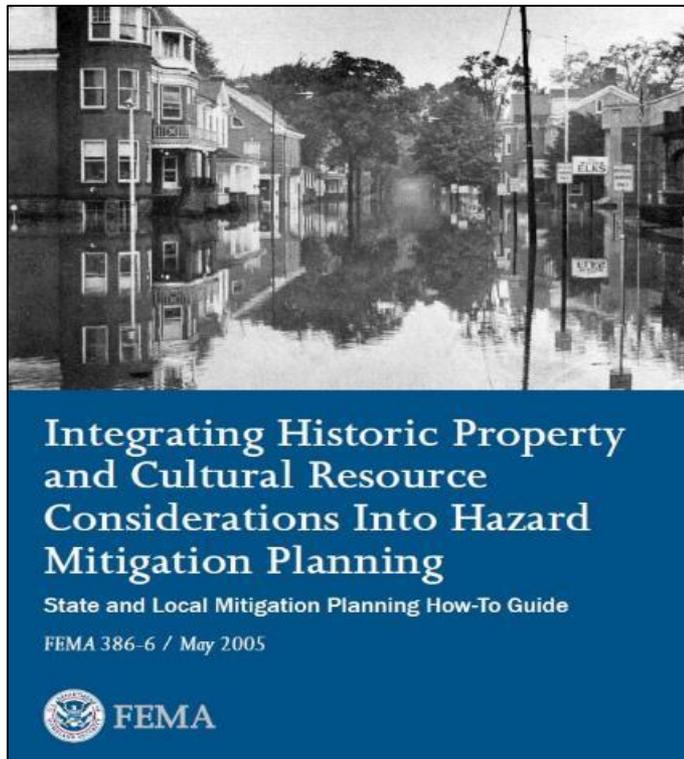
Jen Sparenberg, CFM
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WATER, WATER EVERYWHERE



Flood is the predominant threat to many historic communities in Maryland.

HAZARD MITIGATION PLANNING



The only formal guidance available are these two publications from FEMA.

LOSS OF NEIGHBORHOOD CHARACTER



Individual flood protection of buildings can erode neighborhood character.

BALANCING PROTECTION AND PRESERVATION



The elevated yellow house does not look out of place in this historic streetscape.

COMMUNITY-WIDE SOLUTIONS ARE PR



Mitigation should be implemented at the community level, rather than piecemeal protection of individual properties.

HISTORY OF ADAPTATION

Flood mitigation should consider how a community has historically adapted to flood.

In Crisfield, houses were constructed on high block foundations after a series of vicious coastal storms in the 1930s.



HISTORY OF ADAPTATION

Holland Island House



Many residents of “Maryland’s Lost Islands” moved their houses off-island to the mainland.

Historic house brought by barge from Holland Island

Own a piece of history with this charming Victorian circa 1918. This 3 bedroom home was one of four homes brought over to Crisfield by barges from Holland Island. Holland Island is located in the Holland Straits within the Chesapeake Bay. The 1 1/2 mile long island has been undergoing erosion since the early 1900’s, and residents were forced to leave by 1922. Many residents moved their homes, piece by piece, to mainland areas. Today, only one home still remains standing on the island.

Source:

<http://www.houseforsaleeasternshore.com/houseforsaleeasternshore/standardave/index.htm>



MHT'S FLOOD GUIDANCE

- How-to guide for planning that addresses all phases of the emergency management cycle and adaptation to a changing climate
- Promotes community-wide mitigation
- Guides communities towards achieving a balance between preservation and protection
- Addresses the potential need for migration away from flood-prone areas
- Available in the Spring of 2018

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<http://mht.maryland.gov/weatherit.shtml>

