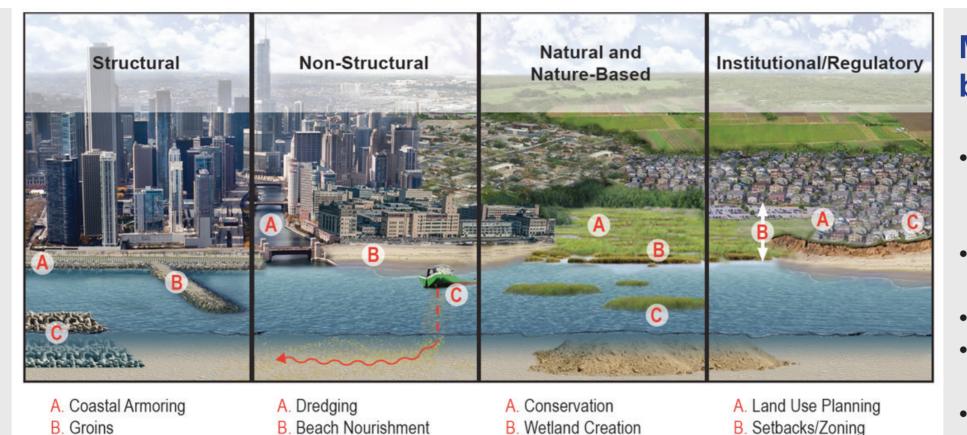
Northern VA Coastal Metropolitan Washington \bigcirc **Council of Governments** Storm Risk Management Study **Potential Flood Risk Measures and Alternatives**

The team will consider structural, non-structural and natural and naturebased coastal storm risk management measures.



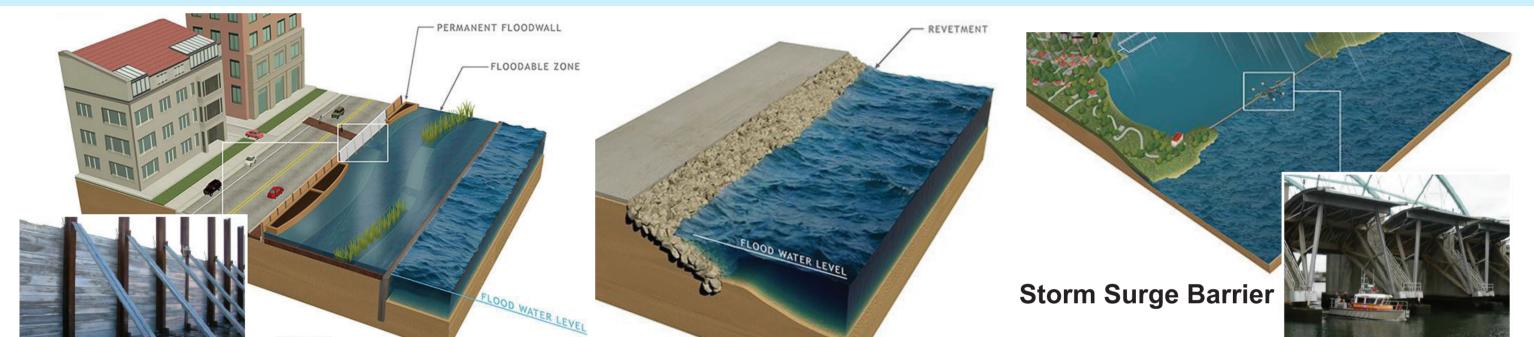
C. Littoral Sediment Supply

Measures selected based on:

- Area problems & characteristics (shoreline type & infrastructure)
- Partner planning objectives like risk reduction
- Engineering feasibility
- Environmental & cultural impacts
- Social acceptability

Structural Examples

C. Barrier Island Creation





FLOODWALL **Deployable Floodwall**

DEPLOYED

C. Breakwaters/Revetments

Levee with Revetment

C. Resilient Design Standards

Non-Structural Examples



Building Retrofit/Flood Proofing

Natural and Nature-Based Examples

