

System-wide actions for Coastal Resilience

Prepare/Prevent

Absorb/Recover

Gray
Structures

Green
Structures

Supporting
Requirements:

Information
Data
Communication
Education
Participation

Examples of Best Practices:

Marsh restoration – remove mosquito ditching; Oyster bed support (Absorb)

Bayville NY – invest in improved sewage system and permanent pumps for low lying areas (Recover)

Bayville and Breezy Point – move debris removal and emergency response vehicles to high ground (Recover)

Port of Mobile – regular meetings of integrated action team; decisions about infrastructure investment priorities (Prepare)

New York City MTA – communication to public on time to shut down/ start up; manhole and vent covers (Prepare/Absorb)

Mobile – zoning changes to reduce construction in flood prone areas (Prepare)

Mobile – ongoing public education b/c regular influx of new builders. (Prepare)

NYC – Black/Red/Yellow tag system (Recover)

Recent ideas:

Replace wood light posts with steel or concrete

Problems to set aside for the moment:

\$ for capital investment

\$ for maintenance

Property owners refusing easements

Property owners rejecting loss of coastal access/views

Schedule:

1. Briefly review ideas of prepare-v-recovery and green-v-gray structures. Give examples in each box of the worksheet (5 minutes).

Instructions: Explain this is a brainstorming activity. Everyone has different background/experiences so not debate the overall effectiveness. Any solution will have to be a combination of activities and different actions may be needed at different points along the coast in the system. In the same vein, mention realistic issues that we will set aside during this activity.

2. Split up into groups by coastal type. Group moderators keep track of time. (5-7 minutes on structures, 5-7 minutes on additional supports) (15 minutes total)
3. Reconvene and have groups report out to develop master list of resilience improvement ideas. Handout of additional examples? (10 minutes)