Peer-to-Peer Case Study:
Investing in Flood Mitigation Pays Off Immensely

NOAA Office for Coastal Management

Community Rating System class 4 prerequisites:

1. Meet class 9 prerequisites
2. Meet class 6 prerequisites
3. Must have received and maintained Building Code Effectiveness Rating (BCEGS) of 4 out of 4
4. Must have taken steps to eliminate or minimize future flood losses by
   a. Implementing one foot of freeboard, including mechanical and equipment for all buildings constructed or substantially improved or reconstructed throughout its Special Flood Hazard Area (SFHA);
   b. Receiving credit for a watershed management plan (WMP) for the following elements:
      i. WMP 1 = 90 points (before the impact adjustment) for meeting all the credit criteria for WMP,
      ii. WMP 2 = 30 points (before the impact adjustment) for managing all storms up to and including the 100-year event to ensure flood that flows downstream doesn't impact new development, and
      iii. Impact Adjustment value of .5 or larger
5. Receive 50 percent of the maximum credit in steps two, five, and eight in Activity 510 Floodplain Management Planning (through the Charleston County Multi-Jurisdictional Hazard Mitigation Plan)
6. Obtain a minimum total credit of 100 points (after the impact adjustment) from one or a combination of elements that protect natural floodplain functions
   a. 420 Natural Functions Open Space (NFOS) – Folly Beach did this
   b. 420 Natural Shoreline Protection (NSP)
   c. 430 Prohibition of fill (DL1)
   d. 440 Additional Map Data (AMD12) Natural Functions Layer – Folly Beach did this
   e. 450 Managing the volume of stormwater runoff (SMR, DS) – Folly Beach did this through Charleston County
   f. 450 Low Impact Development (LID)
   g. 450 Watershed management plan (WMP)
   h. 450 Erosion and sediment control (ESC); Folly Beach did this
   i. 450 Water quality (WQ); Folly Beach did this
   j. 510 Natural Floodplain Functions Plan (NFP)
7. Obtain some credit under Activity 610 (Flood Warning and Response)