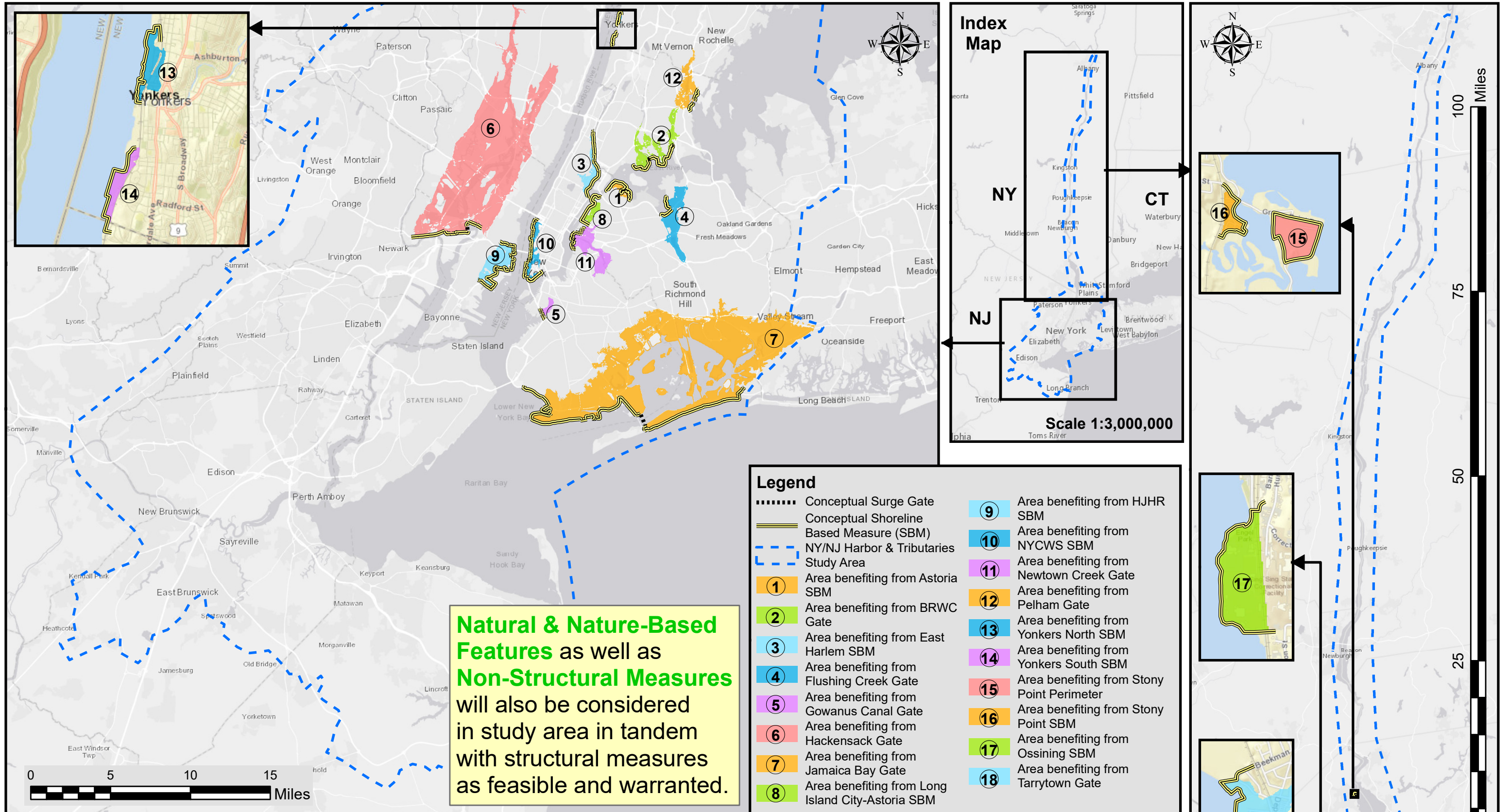


# ALTERNATIVE 4



**Natural & Nature-Based Features** as well as **Non-Structural Measures** will also be considered in study area in tandem with structural measures as feasible and warranted.

**Legend**

- ..... Conceptual Surge Gate
- Conceptual Shoreline Based Measure (SBM)
- NY/NJ Harbor & Tributaries Study Area
- ① Area benefiting from Astoria SBM
- ② Area benefiting from BRWC Gate
- ③ Area benefiting from East Harlem SBM
- ④ Area benefiting from Flushing Creek Gate
- ⑤ Area benefiting from Gowanus Canal Gate
- ⑥ Area benefiting from Hackensack Gate
- ⑦ Area benefiting from Jamaica Bay Gate
- ⑧ Area benefiting from Long Island City-Astoria SBM
- ⑨ Area benefiting from HJHR SBM
- ⑩ Area benefiting from NYCWS SBM
- ⑪ Area benefiting from Newtown Creek Gate
- ⑫ Area benefiting from Pelham Gate
- ⑬ Area benefiting from Yonkers North SBM
- ⑭ Area benefiting from Yonkers South SBM
- ⑮ Area benefiting from Stony Point Perimeter
- ⑯ Area benefiting from Stony Point SBM
- ⑰ Area benefiting from Ossining SBM
- ⑱ Area benefiting from Tarrytown Gate



US Army Corps of Engineers  
New York District

## Areas Benefiting from Each Proposed Study Feature within Alternative #4 - Single Waterbody Gate/Floodwall/Levee NY/NJ Harbor and Tributaries Study

January 2019

Areas benefiting by currently proposed study features are based upon 1 percent flood +3 feet flooding extents associated with USACE ERDC ADCIRC modeling results (95% confidence level)

**Percent of Directly Affected Study Area: 35%**

**Percent of Risks Avoided from GIS Analysis: 42%**

**All measures in alternative subject to modification/deletion/addition as study advances.**