

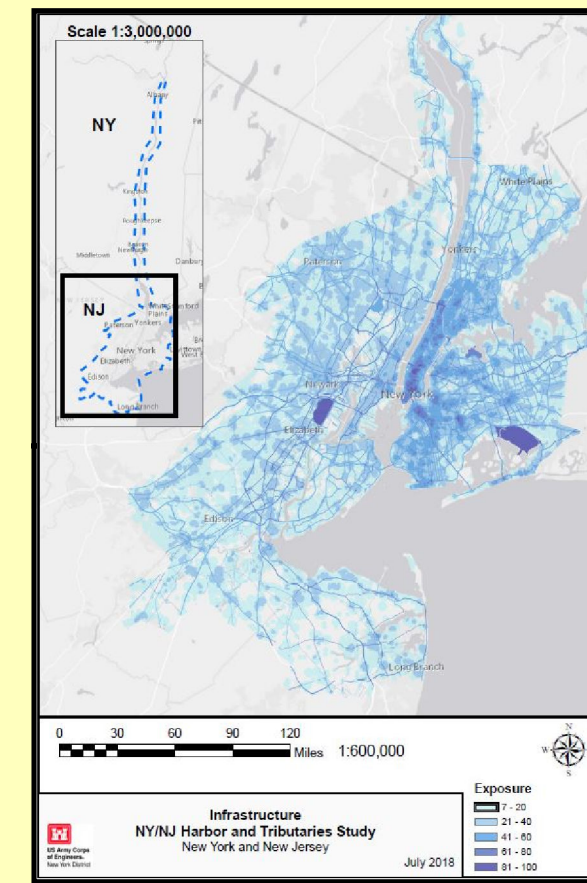
NYNJHATS GIS Risk Analysis

Data Collection

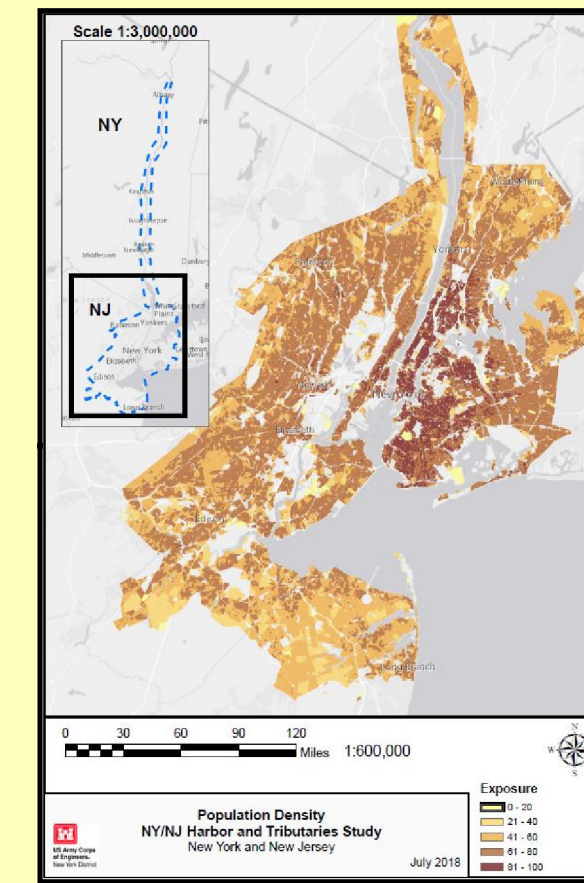
Organization	Source Website
NGIN	https://njin.state.nj.us/NJ_NGINExplorer/index.jsp
NGIN County Outreach List	https://njin.state.nj.us/NJ_NGINExplorer/viewer.jsp?pc=county_contact_list
NDRP GIS	http://www.nj.gov/dsp/pu/landscape.html
Meadowlands Commission GIS	http://medc.meadowlands.gov/mapi/
NJ FW	http://www.njfishandwildlife.com/ensp/landscape/about.htm
NYSDEC	http://www.nysdec.state.ny.us/landscapes/landscape.html
NJDOT	http://www.state.nj.us/transportation/gis/map_v.htm
NITPA	http://www.nitpa.org/Data-Maps/Maps-GIS-Data.aspx
NJDOS	http://www.nj.gov/state/planning/spc-research-resources-gis.html
NJ Highlands	http://data-highlands.opendata.arcgis.com/
NYSOS	http://gis.ny.gov/
HIFID	https://hifid-dbs.all.opendata.arcgis.com/

Over 70 Datasets

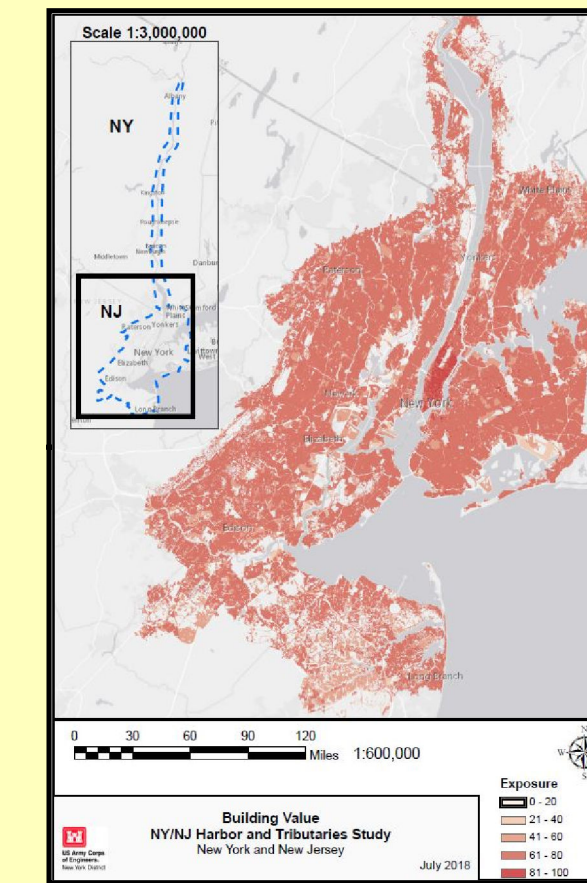
Exposure Indices combined to create Composite Exposure Index



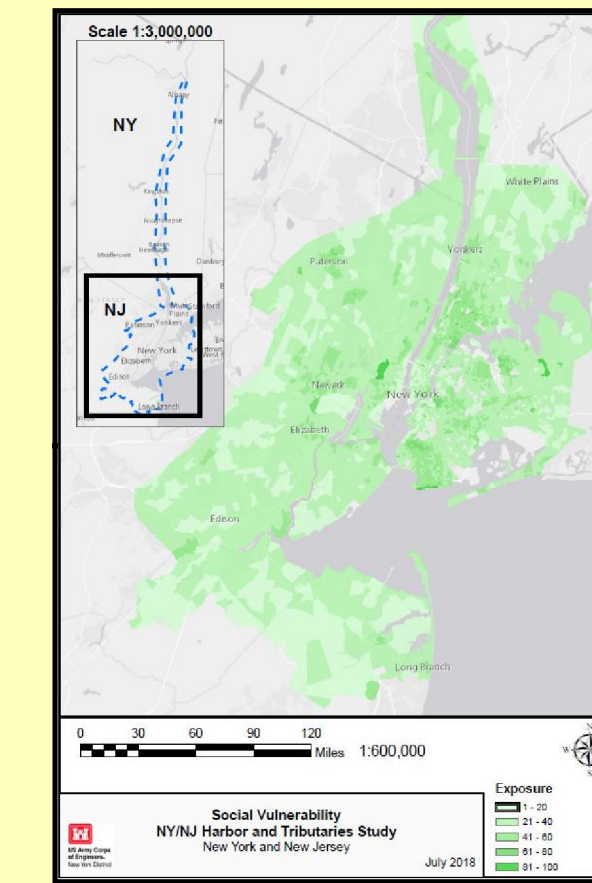
Infrastructure
30% Weight



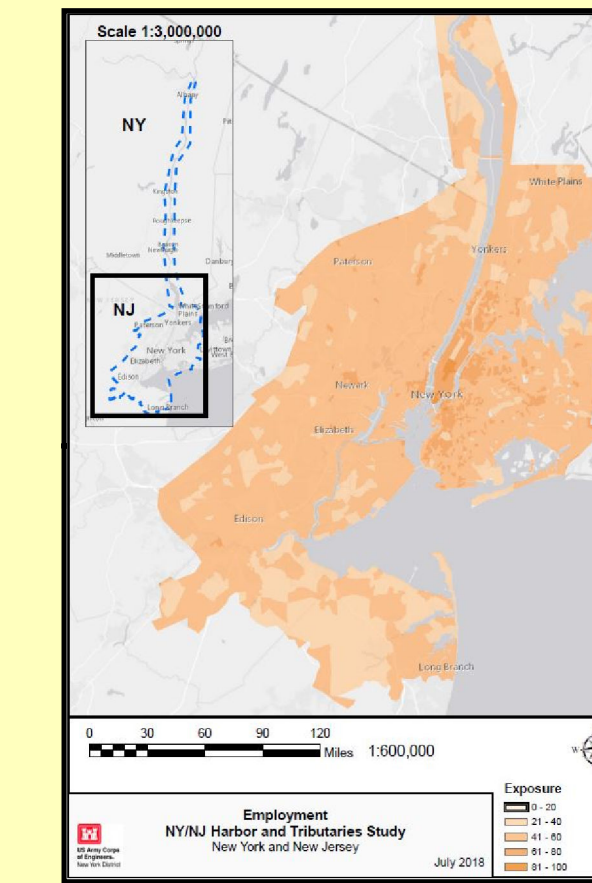
Population
Density
25% Weight



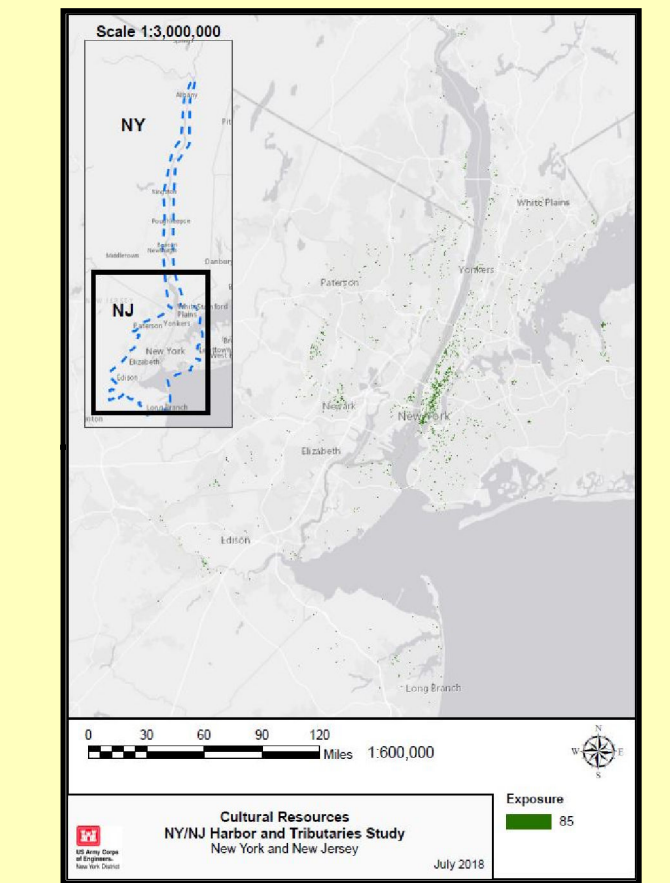
Building Value
20% Weight



Social
Vulnerability
10% Weight



Employment
10% Weight



Cultural
Resources
5% Weight

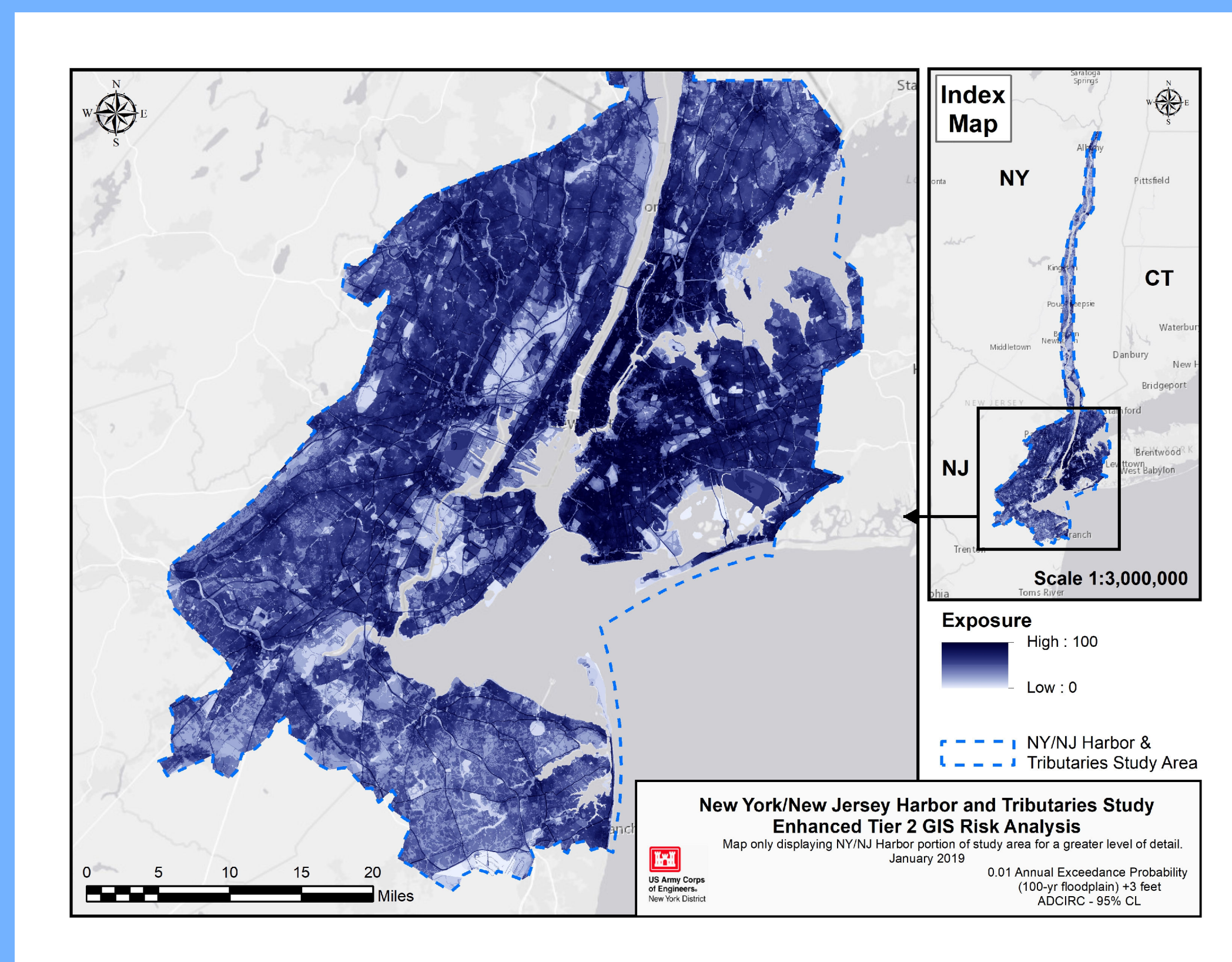
Exposure

x

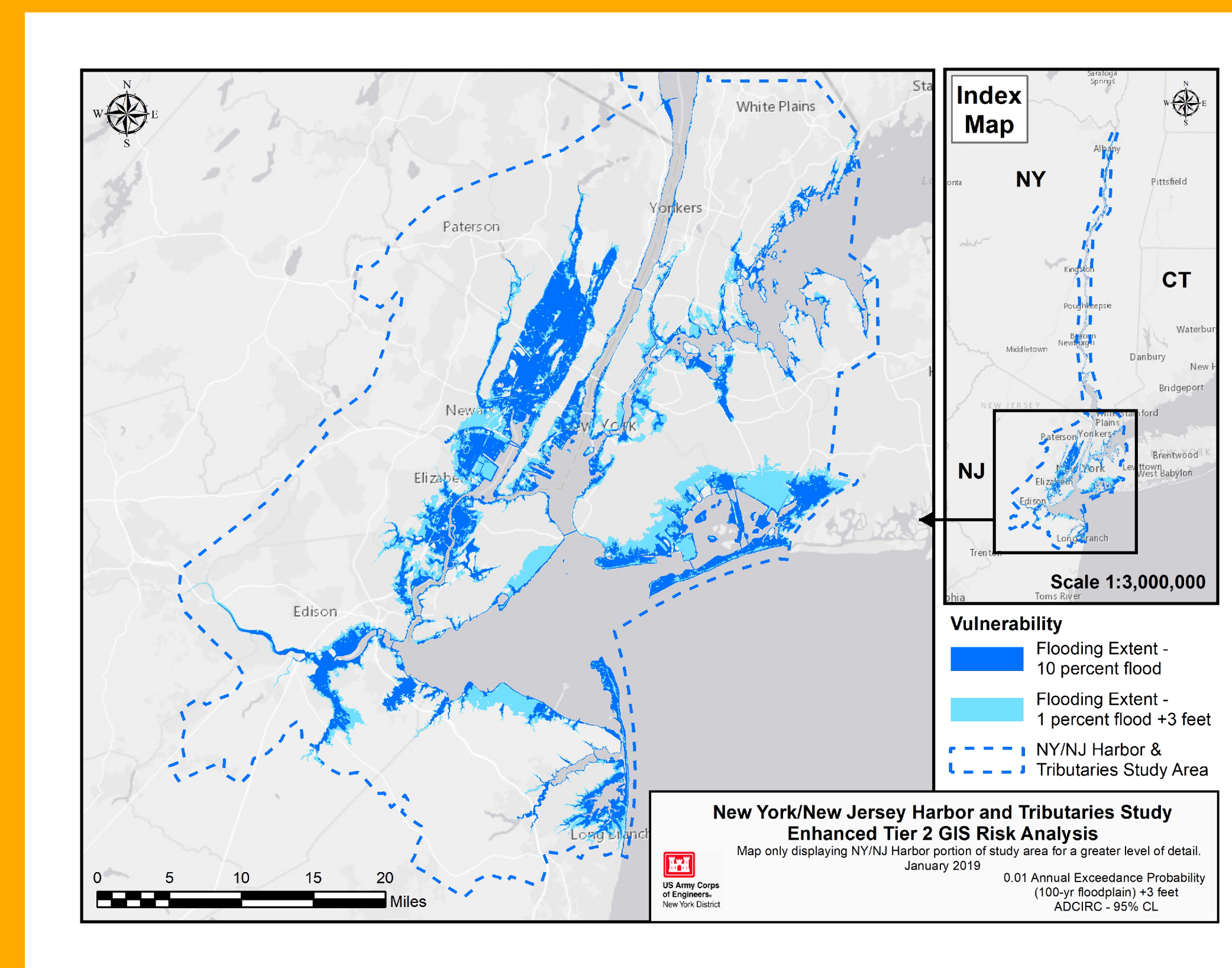
Vulnerability

=

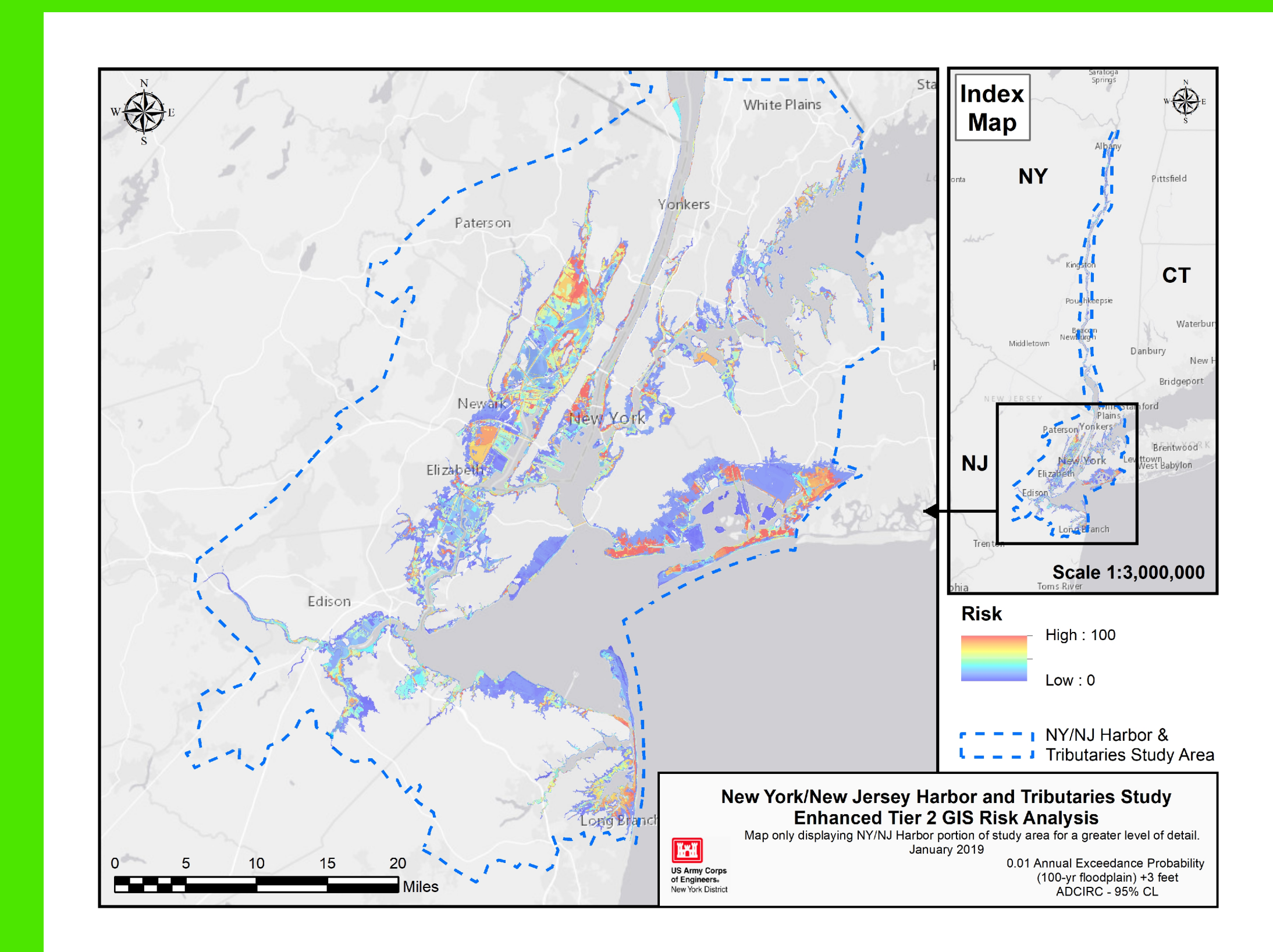
Risk



*People, Infrastructure, and Resources
Potentially Impacted by Flooding*



Probability of Flooding



Please see the NYNJHATS Interim Report GIS Appendix for more information