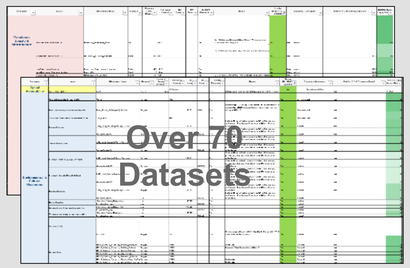
US Army Corps of Engineers®
New York District

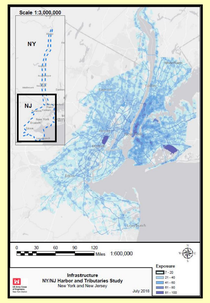
NYNJHATS GIS Risk Analysis

Data Collection

Organization	Source Website
NJGIN	https://njgin.state.nj.us/NJ_NJGINExplorer/index.jsp
NJGIN County Outreach List	https://njgin.state.nj.us/NJ_NJGINExplorer/jviewer.jsp?pg=county_contact_list
NDEP GIS	http://www.nj.gov/dep/gis/landscape.html
Meadowlands Commission GIS	http://meri.njmeadowlands.gov/maps/
NJ FW	http://www.njfishandwildlife.com/ensp/landscape/about.htm
NYSDEC	http://www.northeastoceandata.org/
NJDOT	http://www.state.nj.us/transportation/gis/map.shtm
NJTPA	http://www.njtpa.org/Data-Maps/Maps-GIS-Data.aspx
NJDOS	http://www.nj.gov/state/planning/spc-research-resources-gis.html
NJ Highlands	http://data-njhighlands.opendata.arcgis.com/
NYSGIS	http://gis.ny.gov/
HIFLD	https://hifld-dhs-gii.opendata.arcgis.com/

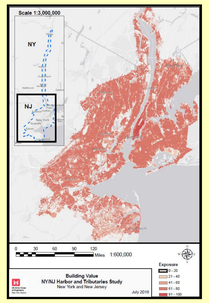


Exposure Indices combined to create Composite Exposure Index

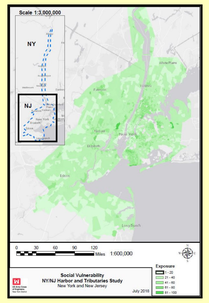


Infrastructure
30% Weight

Population
Density
25% Weight

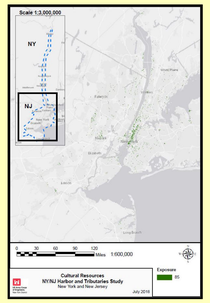


Building Value
20% Weight



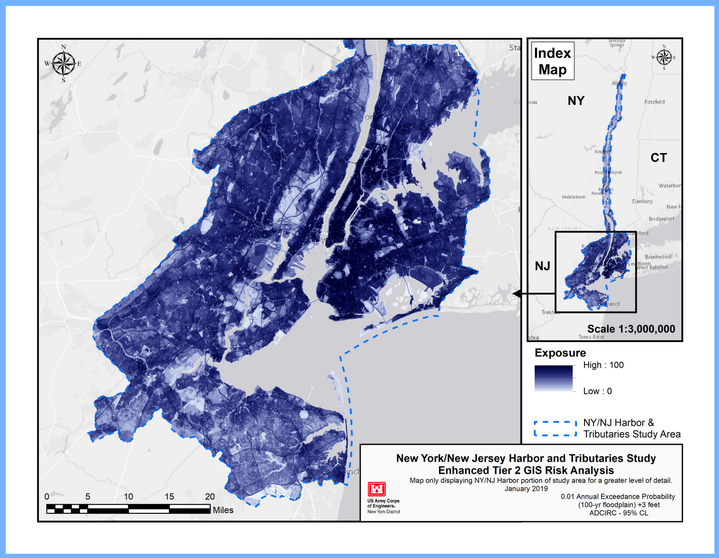
Social
Vulnerability
10% Weight

Employment
10% Weight

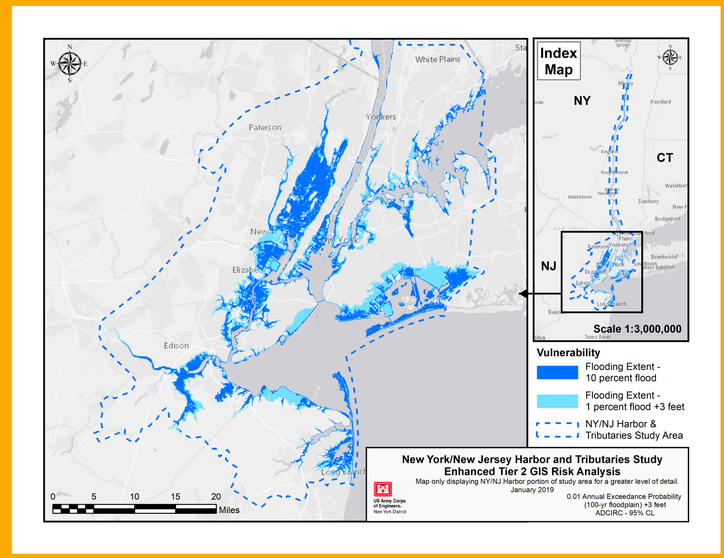


Cultural
Resources
5% Weight

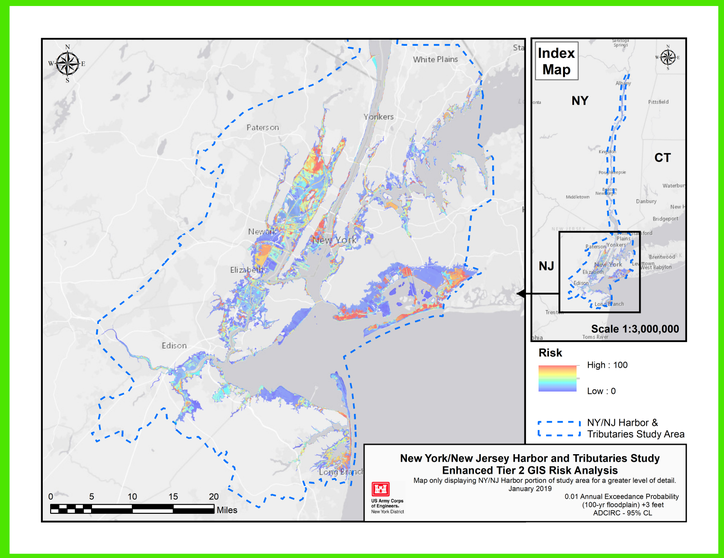
Exposure x Vulnerability = Risk



People, Infrastructure, and Resources Potentially Impacted by Flooding



Probability of Flooding



Please see the NYNJHATS Interim Report GIS Appendix for more information