

South Shore of Staten Island Coastal Storm Risk Management Preconstruction Tree Survey

Staten Island, New York



From top: A surveyor in the field with *Pinus thunbergii* (japanese pine); *Robinia pseudoacacia* (black locust); *Morus alba* (white mulberry); *Liquidambar styraciflua* (sweetgum)

An accurate inventory and characterization of individual trees within 343 acres of urban open space helps ensure that the impacts of coastal protection measures are properly mitigated.

The U.S. Army Corps of Engineers is working to protect coastal communities in New York City through the South Shore of Staten Island Coastal Storm Risk Management project. As part of this project, some land-use changes associated with the proposed levee and seawall will be required which are anticipated to alter the hydrology of natural areas and affect some of the City's forest resources.

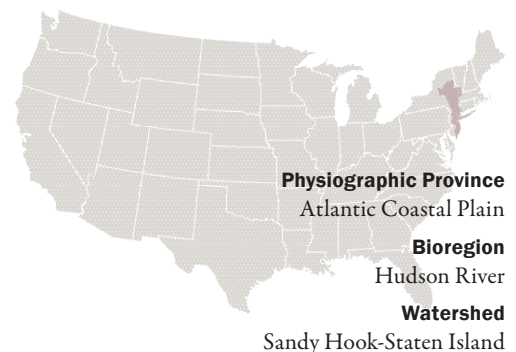
Biohabitats assisted First Environment to conduct a preconstruction tree survey on all lands owned by New York

City and the National Park Service that may be disturbed by project construction.

Biohabitats' team of ISA certified arborists identified and assessed all trees within the 343-acre project area, documenting the location, health and condition of more than 3,300 trees. This inventory will be used to calculate the value of potential impacts and help direct the project's mitigation efforts.

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