



The East Side Coastal Resiliency (ESCR) project is a coastal protection initiative, jointly funded by the City of New York and the federal government, aimed at reducing flood risk due to coastal storms and sea level rise on Manhattan's East Side. In addition to providing flood protection, the project will strengthen and enhance waterfront spaces by improving accessibility, increasing ecological diversity, and delivering improved recreational amenities to a vibrant and highly diverse community.

ESCR is Investing in the Earth:

- **Protecting 110,000 New Yorkers** from the impacts of climate change by **reducing flood risk** to communities, properties, businesses, critical infrastructure, and public open spaces.
- **Protecting critical infrastructure** including a major pump station and an electrical substation that powers much of Lower Manhattan, as well as numerous local schools and libraries.
- The project will also involve significant **investments in underground interior drainage improvements** that will improve the capacity of the sewer system.
- The ESCR Project is the **first step in the City's plan for a larger coastal protection system** in Lower Manhattan.

Key Sustainability Elements:

- Green roof installation on Tennis and Track Houses
- Permeable pavers under the Williamsburg Bridge
- Photovoltaic cells and electric vehicle charging stations at the maintenance structures, and LED light poles at Stuyvesant Cove Park
- Tree reuse for the nature exploration area and for other Parks elements outside of the project. In addition there will be future distribution of mulch throughout the community
- A resilient plant community and diverse, layered planting approach with native trees, shrubs and perennials, including many pollinator species.
- Extending plant life by raising tree roots out of the flood zone.

For More Information:

Visit the **ESCR website**, www.nyc.gov/escr, to sign up to receive weekly Construction Bulletin, Community Advisories, and other project communications, as well as to learn more about community meetings and events, ESCR background, design, construction, and opportunities to work with us.

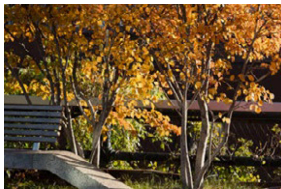
Submit an inquiry: www.nyc.gov/escr/contact. Someone from our team will respond as soon as possible.



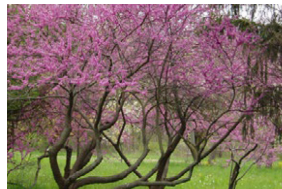


ESCR will restore and enhance the tree canopy and landscape of the Park to anticipate climate change by introducing over 50 different tree species, paying special attention to those that can withstand salt spray, increased precipitation, strong winds, and extreme weather to create a more resilient plant community. The elevation of the Park means that critical tree and plant roots will be planted out of the flood zone, protected from sea level rise. The ESCR planting plan includes native plants, pollinator species, diverse tree sizes and considers species and growth speeds to achieve both short term shade and long-term canopy cover. Approximately 2,000 new trees will be planted as part of the landscape design in East River Park.

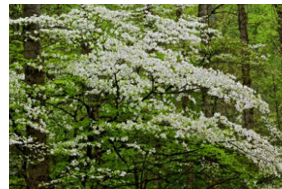
NATIVE TREES to be planted include:



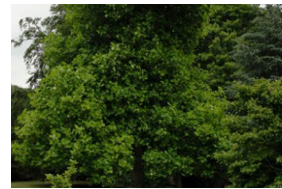
Amelanchier canadensis
Serviceberry



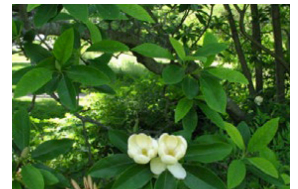
Cercis canadensis
Eastern Redbud



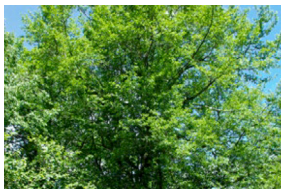
Cornus florida
Dogwood



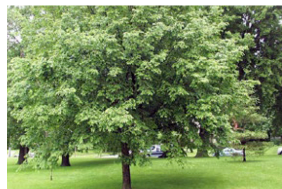
Liriodendron tulipifera
Tulip Poplar



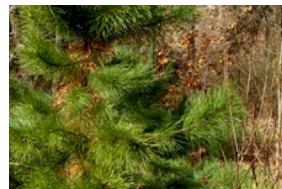
Magnolia virginiana
Sweetbay Magnolia



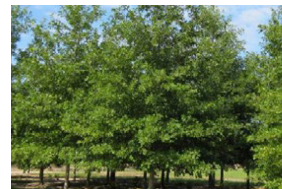
Nyssa sylvatica
Blackgum



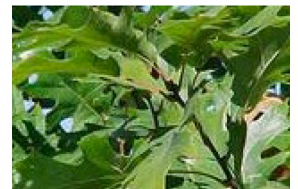
Ostrya virginiana
Hop Hornbeam



Pinus rigida
Pitch Pine

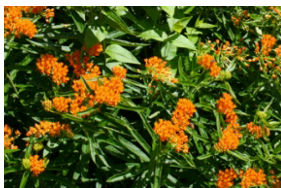


Quercus bicolor
Swamp White Oak

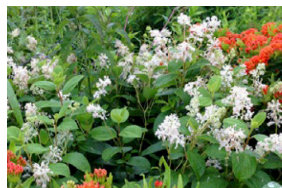


Quercus rubra
Northern Red Oak

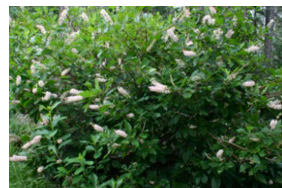
POLLINATOR PLANTS to be planted include:



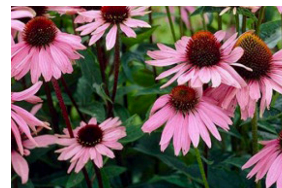
Asclepias tuberosa
Butterfly Milkweed



Ceanothus americanus
New Jersey Tea



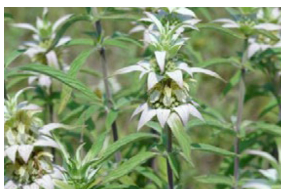
Clethra alnifolia
Summersweet



Echinacea purpurea
Purple Coneflower



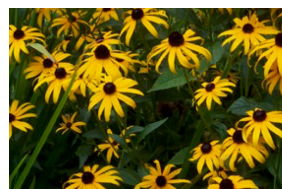
Liatris spicata
Blazing Star



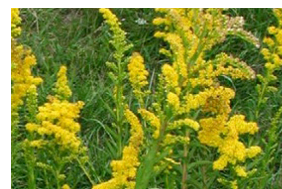
Monarda punctata
Spotted Beebalm



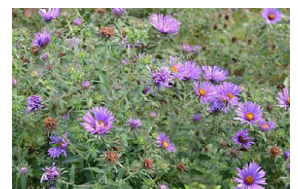
Pycnanthemum mutic.
Mountain Mint



Rudebeckia hirta
Black-Eyed Susan



Solidago sempervirens
Seaside Goldenrod



Symphyotrichum noviangelii
New English Aster