



New Orleans East

Climate Vulnerability Assessment & Green Infrastructure Project

The New Orleans East Climate Vulnerability Assessment & Green Infrastructure Project combines community knowledge with local data to help shape future green infrastructure projects that support a greener, healthier, and more resilient New Orleans East.



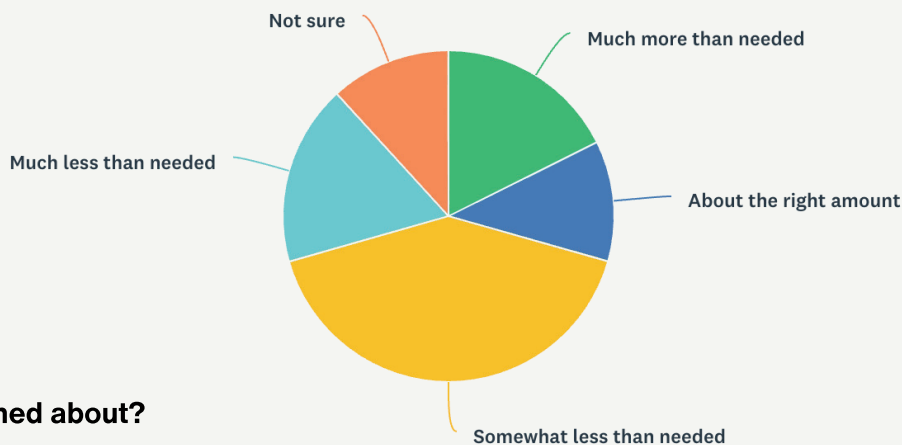
Project Activities

- **Climate Vulnerability & Risk Assessment** – Combine research with a community workshop and stakeholder engagement to assess climate risks specific to New Orleans East.
- **Community Outreach & Education** – Create accessible materials to share findings and foster ongoing conversations about local climate vulnerabilities and adaptation strategies.
- **Green Infrastructure Implementation Plan** – Develop a targeted plan to expand the urban tree canopy in priority areas of New Orleans East.
- **Tree Planting** – Partner with the New Orleans East Green Infrastructure Collective and the Department of Parks and Parkways to plant trees in New Orleans East.

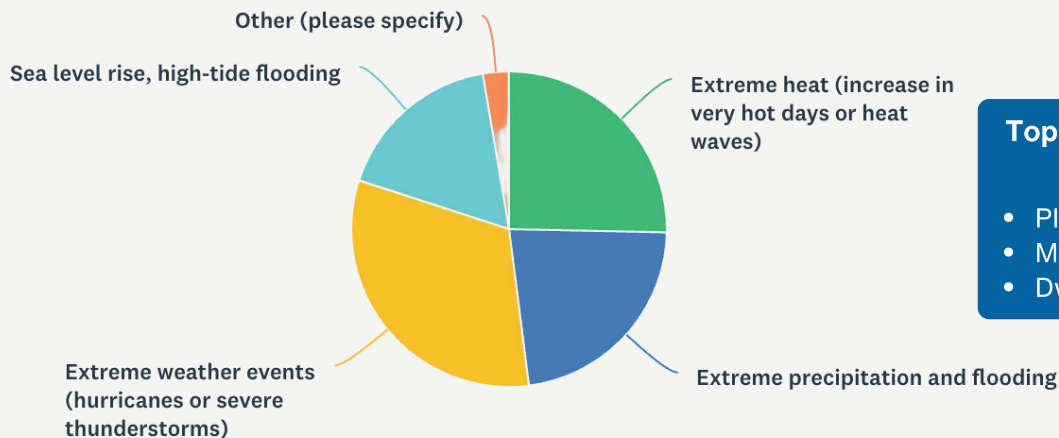
Community Workshop

In November 2025, New Orleans East residents came together for a workshop where they shared experiences of climate impacts, identified community concerns, and mapped locations for future green infrastructure interventions. A companion community survey was also released. Below is a preview of results from the workshop and survey.

Does your community have enough trees, shade, and green space?



Which climate changes are you most concerned about?



Top locations participants want trees planted in New Orleans East

- Plum Orchard
- Morrison Road
- Dwyer Road
- Read Boulevard
- Crowder Boulevard

Spring 2026 Tree Planting

In spring 2026, the New Orleans East Green Infrastructure Collective, Water Wise Gulf South, the New Orleans Recreation Department Commission, and the City of New Orleans Department of Parks and Parways collaborated to plant trees at three locations in New Orleans East.

A total of 44 trees were planted

- 10 trees at PeacePark = 5 sweet bay magnolia, 5 American holly
- 5 trees at Pradat Park = 3 sweet bay magnolia, 2 American holly
- 29 trees at Werner Park = 17 sweet bay magnolia, 7 American holly, 5 red oak

chosen by the residents



AMERICAN HOLLY



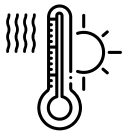
**SWEET BAY
MAGNOLIAS**



RED OAK

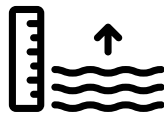
Climate Change in New Orleans East

Climate change is already affecting New Orleans East, bringing greater risks from stronger storms, heavier flooding, and extreme heat. These challenges can affect where people live, how they get around, their health and safety, and the natural areas that help protect the community.



Extreme Heat

- On average, someone in Louisiana will experience about 52 extremely hot days in 2050 (days above ~96°F).
- Extreme temperatures on the hottest days of the year are projected to increase between 2-16°F.



Sea Level Rise

- Under intermediate emissions scenarios, sea level is expected to rise 17 inches from 2020 to 2050.
- Sea levels in New Orleans are likely to increase by 1 to 4.6 feet by 2100, based on estimates of absolute sea level rise and local subsidence.



Precipitation

- Louisiana is expected to see more frequent heavy-rainfall events
- New Orleans East is low-lying, and increased heavy rainfall raises the risk of urban flooding and water pooling and flowing where it shouldn't in the community.



Storms & Flooding

- Warming temperatures are expected to cause heavier rainfall within tropical storms, greater storm surge potential, and stronger winds.
- Extreme winds and rain heighten flood risk.