

Climate Resilient Communities Project

Project Goals

This project builds on decades of environmental/climate advocacy by Clean Air Council and community partners across Southeast Pennsylvania. Our goals included:

- Sharing climate models and resilience strategies with local residents
- Identifying climate resilience strategies and solutions that consider the unique needs of each neighborhood
- Building local projects with community groups that support climate resilience

Methodology

Over the course of 2.5 years Clean Air Council, and community partners hosted regular meetings in each neighborhood focused on climate education and building climate resilience with local residents.



Trainer meeting where residents reviewed local climate models and identified resilience strategies that would have the greatest impact in their neighborhood.

Eastwick residents map out projects that can improve climate resilience like transforming the abandoned Pepper School, establishing urban farms with training programs, and updating rec centers to be storm resilient.



At this meeting Grays Ferry residents identified community strengths and vulnerabilities and shared the needs, dreams, and concerns that inform their visions for climate resilience.

Focus Area

The neighborhoods in our focus area include: Marcus Hook, Trainer, Chester, Eastwick, and Grays Ferry



The project focused on five neighborhoods located along the Delaware and Schuylkill Rivers that are overburdened by polluting industries, face environmental issues and have unique climate vulnerabilities.

Local Projects

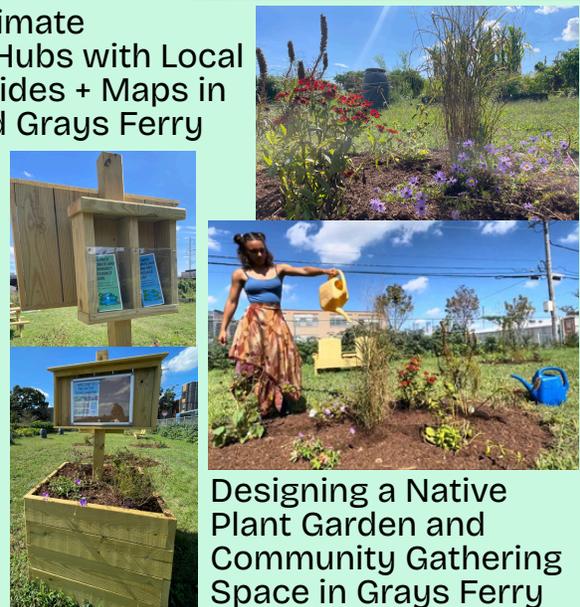
Implementing park revitalizations with residents from Marcus Hook, Trainer, and Chester PA.



Deploying Climate Information Hubs with Local Resource Guides + Maps in Eastwick and Grays Ferry

EASTWICK CLIMATE AND COMMUNITY RESOURCE GUIDE

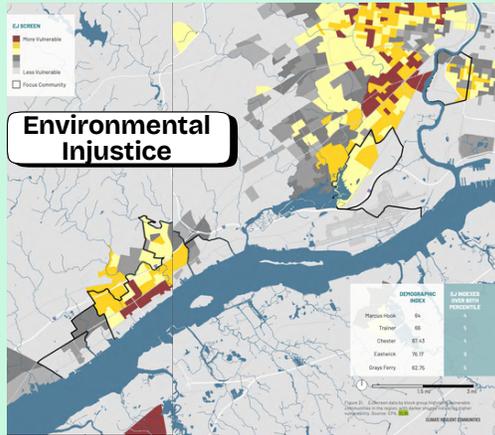
Brought to you by Eastwick residents and Clean Air Council



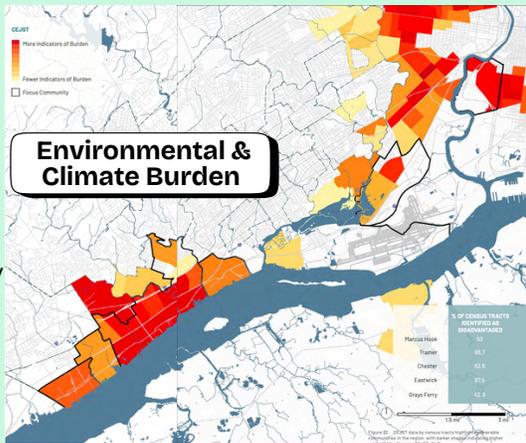
Designing a Native Plant Garden and Community Gathering Space in Grays Ferry

Key Findings

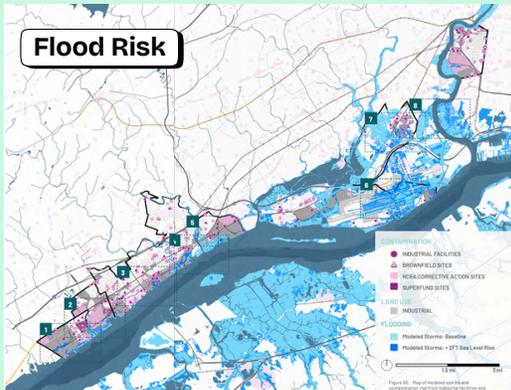
Existing environmental and socioeconomic injustices make all five communities vulnerable to climate change.



This map shows communities that are overburdened and underserved in navigating climate and environmental issues. It considers: climate change, health issues, polluting industries, housing accessibility and workforce development opportunities. **Grays Ferry** and **Chester** are severely burdened.



As sea levels and temperatures to rise, each neighborhood is uniquely at risk of flooding and extreme heat



This map shows risk of the urban heat island effect (where high levels of pavement and lack of shade cause extreme heat in specific areas). **Grays Ferry** is especially vulnerable because local development removed older shade providing trees.

