

New York City Environmental Justice Alliance

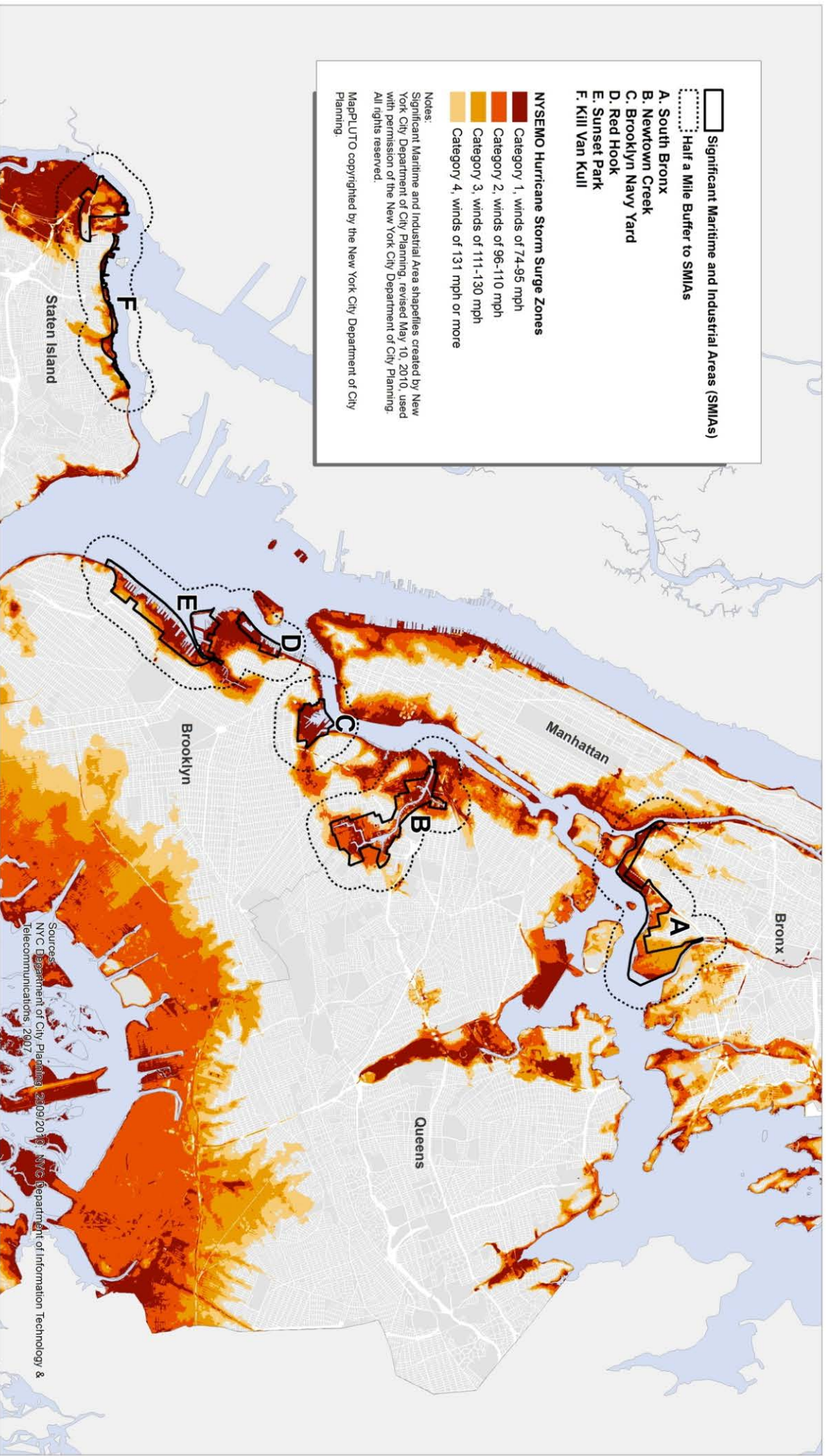


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Waterfront Justice Project



Significant Maritime and Industrial Areas (SMIAs) and Hurricane Storm Surge Zones

Prepared at Pratt Institute by Juan Camilo Osorio, Sabrina Terry, and Natasha Dwyer
for the NYC Environmental Justice Alliance • www.NYC-EJA.org





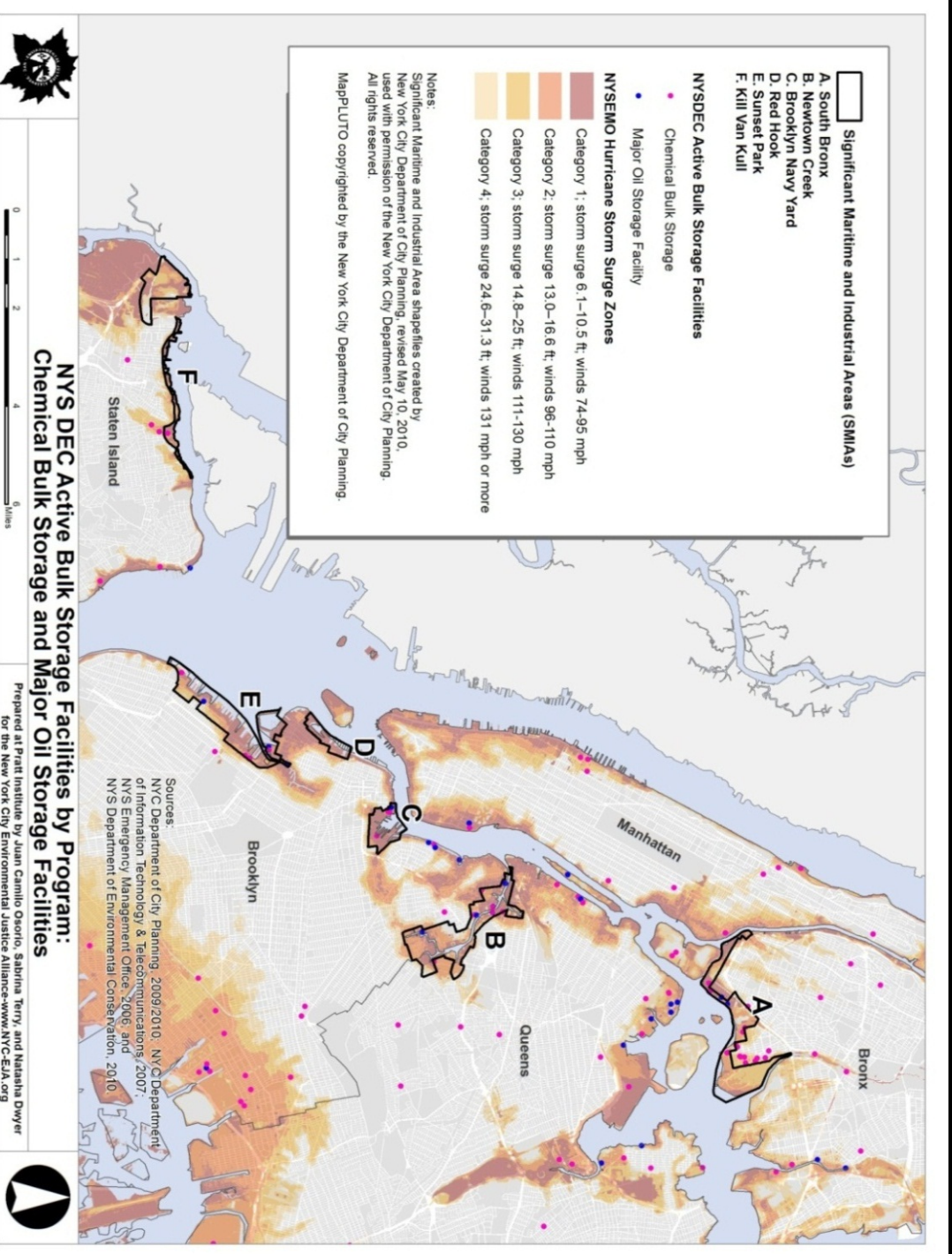
What are the threats?

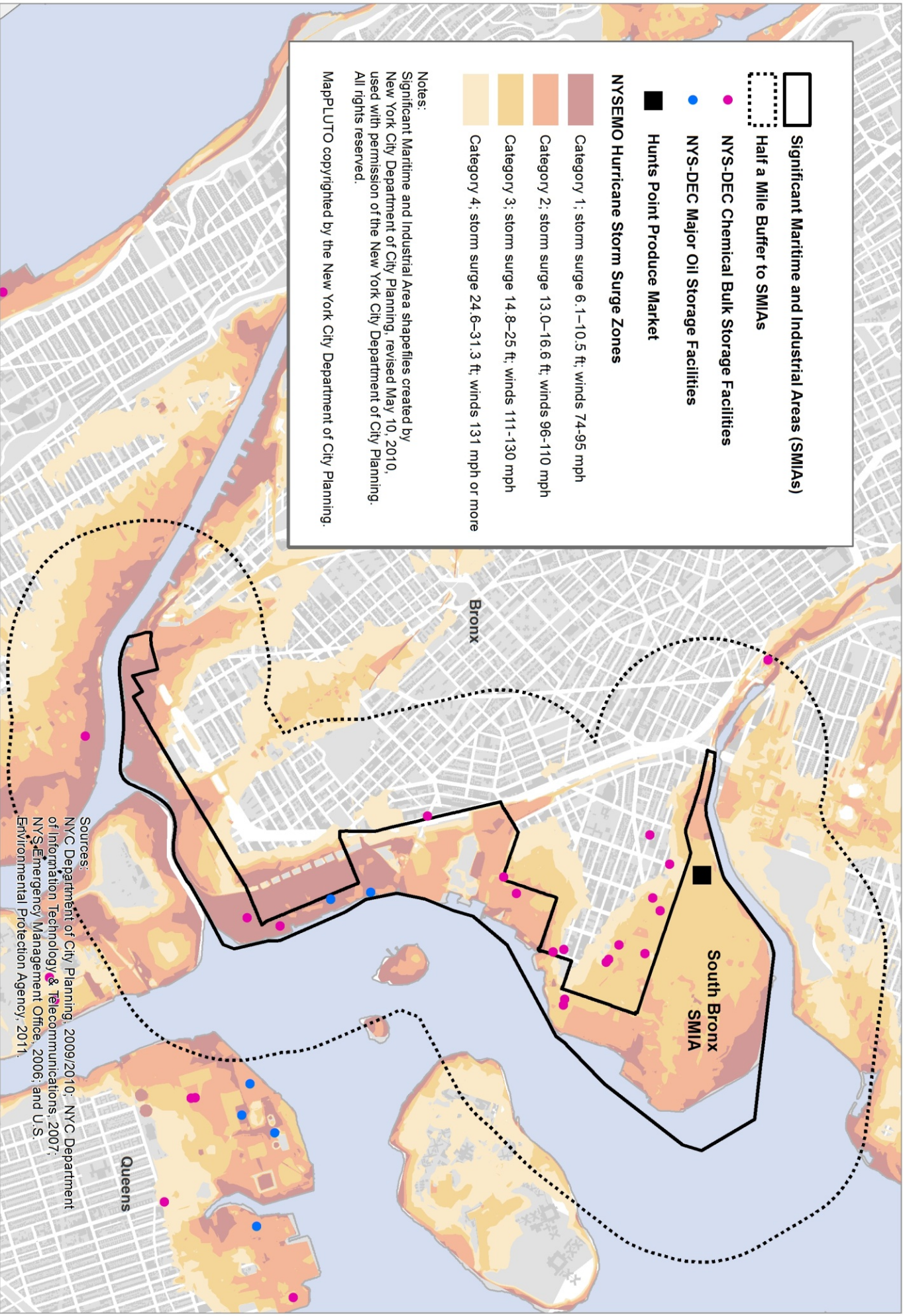
2. NYS-DEC Active Chemical Bulk /Major Oil Storage Facilities

Facilities storing hazardous substances, or capacity to store 400k gallons of oil

Hazardous substances:

- . Naphthalene
- . Benzene
- . Copper Cyanide
- . Mercury
- . Methyl Hydrazine
- . Asbestos
- . Arsenic Oxide
- . Phosphorus
- . Trichloride





Significant Maritime and Industrial Areas (SMIAs)

Half a Mile Buffer to SMIAs

NYS-DEC Chemical Bulk Storage Facilities

NYS-DEC Major Oil Storage Facilities

Hunts Point Produce Market

NYSEMO Hurricane Storm Surge Zones

Category 1; storm surge 6.1–10.5 ft; winds 74–95 mph

Category 2; storm surge 13.0–16.6 ft; winds 96–110 mph

Category 3; storm surge 14.8–25 ft; winds 111–130 mph

Category 4; storm surge 24.6–31.3 ft; winds 131 mph or more

Notes:

Significant Maritime and Industrial Area shapefiles created by New York City Department of City Planning, revised May 10, 2010, used with permission of the New York City Department of City Planning. All rights reserved.

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Sources:
NYC Department of City Planning, 2009/2010; NYC Department of Information Technology & Telecommunications, 2007; NYS Emergency Management Office, 2006; and U.S. Environmental Protection Agency, 2011.

NYS DEC Active Bulk Storage Facilities by Program South Bronx SMIA

0 1,000 2,000 4,000 6,000 8,000 Feet

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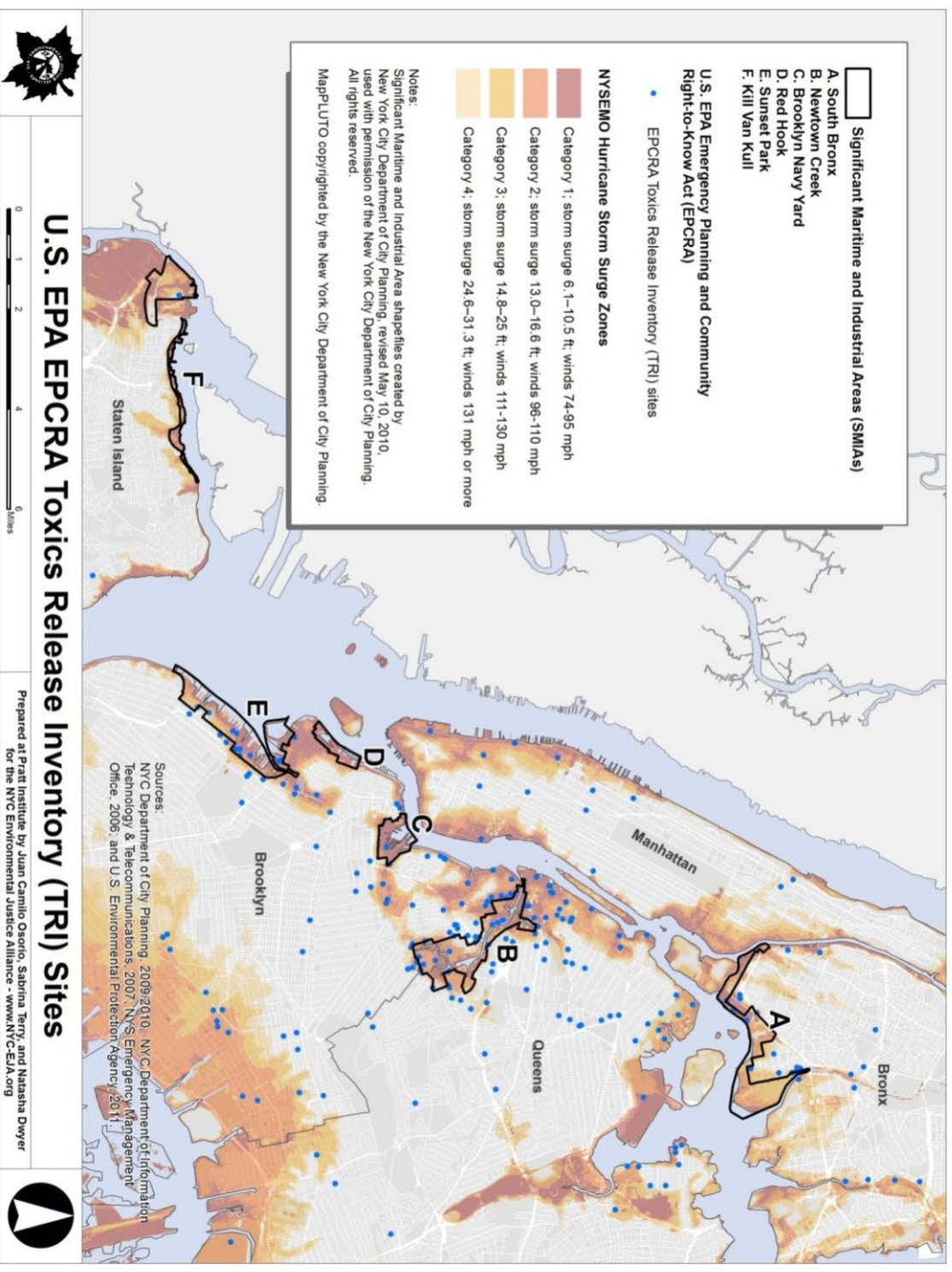
What are the threats?

3. US-EPA Emergency Planning and Community Right-to-Know Act

Facilities reporting toxic chemicals in the Toxics Release Inventory

Hazardous substances:

- Trimethylbenzene
- Dioxin
- N-Hexane
- Naphthalene
- Methyl Ethyl Ketone
- Acetone
- Sodium Hydroxide



- Significant Maritime and Industrial Areas (SMIAs)
- Half a Mile Buffer to SMIAs

U.S. EPA Emergency Planning and Community Right-to-Know Act (EPCRA)

- EPCRA Toxics Release Inventory (TRI) sites

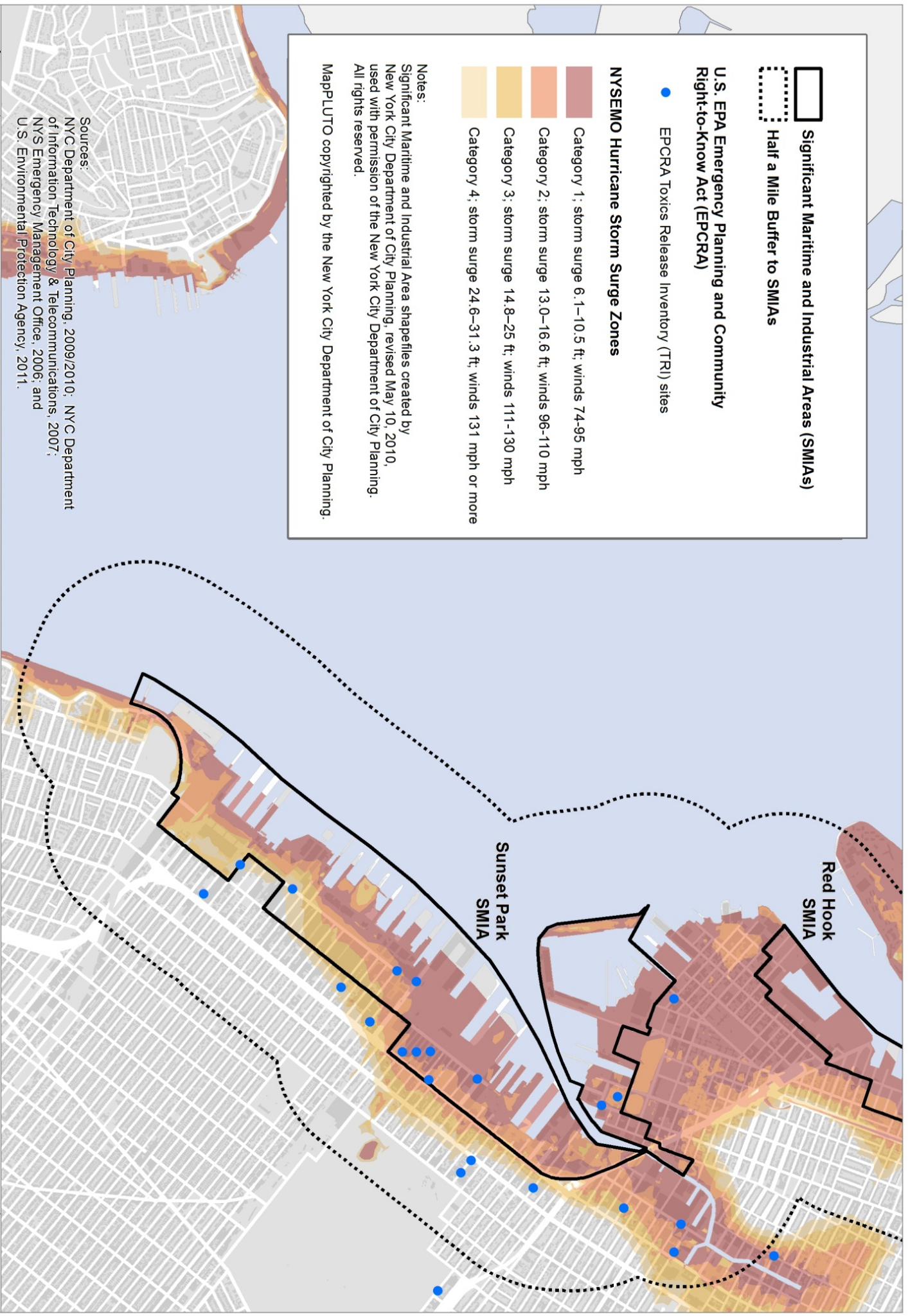
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U.S. EPA EPCRA Toxics Release Inventory (TRI) Sites Sunset Park SMI

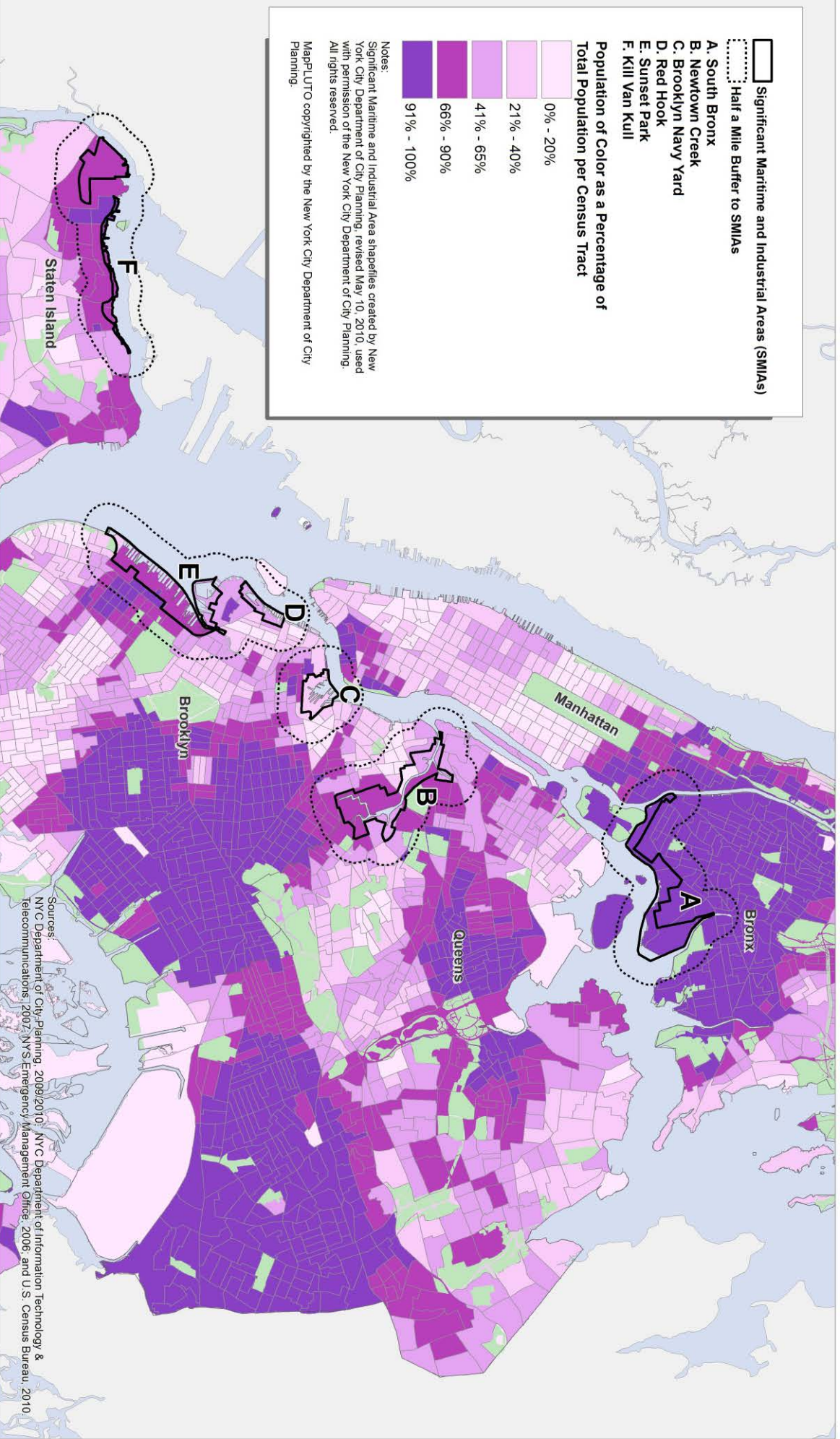
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Who is affected?



U.S. Census 2010 Population of Color per Census Tract



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Hurricane Sandy Flooding. Red Hook, 10.29.12

Photo: FDNY Incidents

Sandy Regional Environmental Justice Assembly

Saturday, January 26th. 2013 12:30 - 6:00 pm

Location: 32BJ SEU - 25 West 18th Street, Manhattan. Between 5th & 6th Ave
Please RSVP at Sandy.ej.rsvp@gmail.com



Hurricane Sandy Flooding. Red Hook 10.29.12 Photo: FDNY Incidents

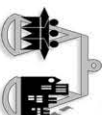
Hurricane Sandy Flooding. Newtown Creek 10.29.12 Photo: Kate Zidar

A gathering of environmental justice organizations and our allies convene a Regional Assembly to discuss the impacts and aftermath of Hurricane Sandy in order to:

- Better understand the challenges posed by climate change on our most vulnerable communities;
- Learn more about how government proposes to organize Sandy Recovery efforts; and
- Identify common themes and goals to pursue community priorities in the Sandy Recovery process



THE POINT



NYC Environmental Justice Alliance - El Puente - Nos Quedamos - The Point - UPRDSE - West Harlem/Morningside Heights Sanitation Coalition - Youth Ministries for Peace and Justice - Sustainable South Bronx - GOLES Good Old Lower East Side - Ironbound Community Corporation - NAG Neighbors Allied for Good Growth - NJ Environmental Justice Alliance - NYCOSH NY Committee for Occupational Safety and Health - NYLPI NY Lawyers for the Public Interest- Pratt Center for Community Development - Ocean Bay Community Development Corporation - Transport Workers Union - 32BJ SEU - WE ACT for Environmental Justice

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