CATCH - Community Adaptations to City Heat

Making extreme heat impacts visible in frontline communities in Boston, Phoenix, and New Orleans

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Based at

BOSTON UNIVERSITY

In partnership with:

I SEE CHANGE

Dialogue Earth

A BETTER CITY — IMAGINING A BRIGHT FUTURE. MAKING IT A REALITY.

CITY of BOSTON

City of Phoenix

nola.gov

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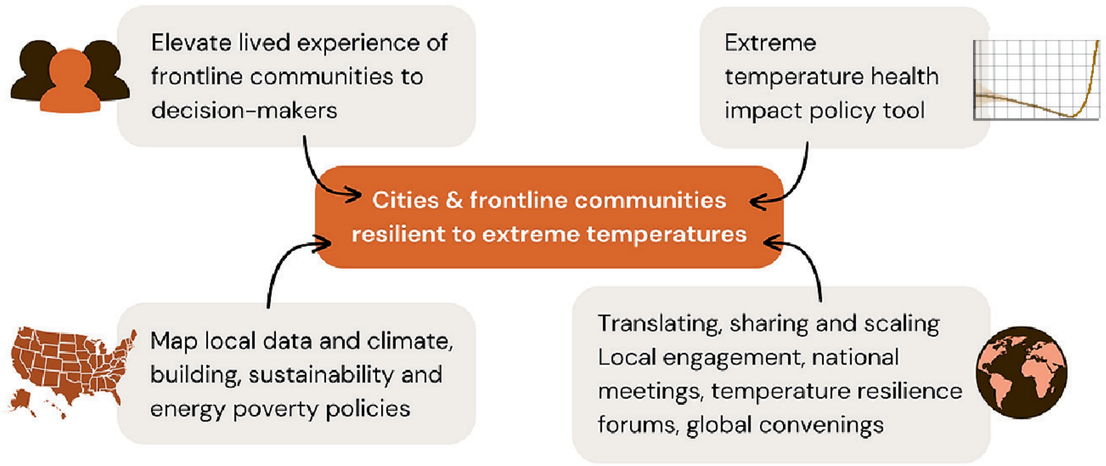
CATCH is working to:

- Raise visibility of the adverse impacts of extreme temperatures on health
- Deliver tools for decision makers to quantify extreme heat impacts on health, and
- Create pathways to connect siloed policies to improve heat-related exposure and health impacts on frontline communities who bear the first and worst impacts of climate change.



Why Boston, Phoenix, and New Orleans?

These three cities experience significant urban heat intensity and are in different climate zones, representing **three different types of urban heat**:

Boston - A city experiencing increased heat, with building infrastructure designed to keep heat in during cold winters
Phoenix - A city that is extremely hot and dry almost year round
New Orleans - A city that is extremely hot and humid almost year round

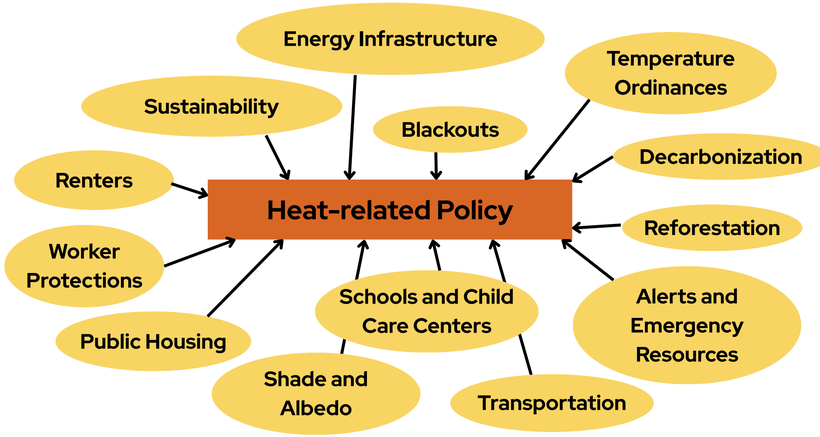
Leaders in these cities have demonstrated strong commitment to climate action, energy efficiency, and environmental justice for vulnerable populations. Additionally, we have strong relationships with city and local organizations.

Are you a municipal party, community-based organization, neighborhood group, or other stakeholder in Boston, New Orleans, or Phoenix working or concerned about extreme heat in your area? We'd love to chat!

Connect with us on LinkedIn or email us at cityheat@bu.edu

Website

LinkedIn



What policies are we considering 'heat-related'?

Policies that impact an individual's

exposure • **ability to adapt** • **sensitivity**

to extreme heat.

Grant activites

- **Partner with municipal representatives and community-based organizations** in the three cities
- **Map local data and heat-related policies**, including around climate, infrastructure, energy, and sustainability
- Determine the approximate **expected change in temperature** from policies and interventions
- Approximate the **expected change in health risks and outcomes** from the temperature changes
- **Elevate the lived experience of frontline communities** dealing with extreme heat through qualitative analysis and Photovoice to policy and decisionmakers
- **Translate the research and policy outcomes** on temperature and associated changes in health risk for the wider audience
- **Convey extreme heat impacts** through news articles, reports, and other communications
- **Scale findings and impacts** through national and international convenings