

Youth Engaging in the Science of Resilience: Sensing the Environment and Envisioning Solutions | AWARD # DRL-2215420



Partners: [NC Museum of Natural Sciences](#), [Juntos NC](#), [University of Washington EDGE Center](#) & [Duwamish River Community Coalition](#)

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Project website: go.unc.edu/yes-resilience

Project Description

YES Resilience: SEE Solutions supports **diverse youth and informal educators** in two states in learning about **community resilience to climate change, fostering youth environmental health literacy**. It also explores how research universities and community organizations can leverage resources to support youth informal science education.

Audience & Settings

Audience: Grades 9-12 youth; informal educators

Disciplines: Climate science & education

Learning environment: Community/4-H programs; science centers

Key Achievements

- Piloted YES-Resilience activities in multiple locations
- Engaged diverse youth in 2 week-long resilience-focused summer programs (NC) & a 10-week afterschool program (WA).

Access & Inclusion

- Majority of participating youth identify as members of gender/racial/ethnic groups that are underrepresented in the STEM workforce.
- Community partners provide diverse perspectives on curriculum development and revision.

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NC Museum of Natural Sciences Teen Climate Ambassadors (TCA) use an IR thermometer to study how surface type affects temperature.



[Video](#) featuring 2023 Juntos NC YES-Resilience project, in which youth collected environmental data to understand climate impacts.

Accompanying article [here](#).



TCA participants work together to build a resilient city then assess how well it responds to a hypothetical climate impact.



Project team met in WA to strengthen new collaborations. Duwamish River Community Coalition hosted the group.

