



# Community Grants Program

New York State Pollution Prevention Institute (NYSP2I) provides financial and technical support for projects that raise awareness and understanding of pollution prevention practices and lead to implementation at the local level

## Collect, Construct, Change (C3)



[New York Hall of Science](#) (NYSCI) presents 450 exhibits, demonstrations, workshops and participatory activities that explain science, technology, engineering, and math. NYSCI is a hands-on, energetic educational experience where you can indulge your curiosity and nurture your creativity. NYSCI offers professional development for teachers, produces curricula and resources for classrooms, and studies how technology, gaming and play affect how we learn.

### Project Description:

NYSCI developed an inquiry-based multi-disciplinary C3 curriculum that allows middle school students to better understand sources of urban pollution and connections to health and environmental issues. NYSCI worked to: (1) enhance the usability of the C3 program in a variety of informal education settings through curricular revisions; (2) facilitate the adoption of the program by youth-serving organizations throughout the city; and (3) to provide support to program partners to offer after-school and camp programs. The camp enabled the target youth participants to research the causes and levels of local air pollution, as well as gain the knowledge and skills needed to consider solutions and share knowledge gained with their peers, neighbors, and greater community.



AirCasting App



AirCasting Air Monitor

*Image courtesy of Habitat Map*

### Project Highlights:

- An enhanced C3 curriculum was developed and 30 educators from five (5) youth-serving educational organizations were trained.
- 30 students participated in the five-day (30 hour) camp program.
- The C3 Curriculum was presented by NYSCI as the [Mozilla Festival](#) in London as well as the [National Conference on Geography](#) in Memphis, TN.
- 74% of students self-identified as potential agents of change, they believed “they could make a difference in the choices their community makes about pollution”.

Web links: [nysci.org](http://nysci.org)

