



EPA Region 2 Citizen Science Program Overview

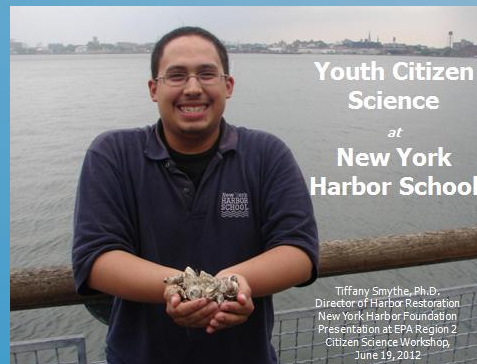
November 11, 2015
Clean Ocean Action Conference

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EPA Region 2

Citizen Science

- ▶ Informing and engaging the public in scientific discovery... to help themselves, us and society at large
- ▶ Means different things to different people... depends on where you sit and your goals for generating, interpreting and using data
- ▶ Not new...Audubon Christmas Bird Count and EPA's Volunteer Water Monitoring Program
- ▶ New tools...internet, low-cost sensors, smart phones, apps, crowdsourcing, etc.
- ▶ New challenges...management and interpretation of voluminous data sets, lack of applicable health standards, etc.

Citizen Science in Region 2



2012 Citizen Science Workshop



2012 Hometown Grants

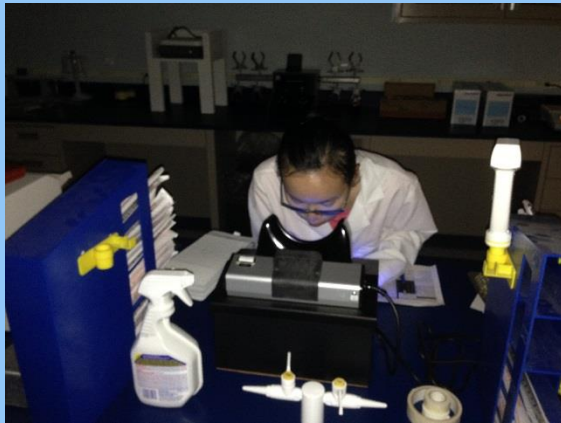


Citizen Science in Region 2 Workshop and Trainings

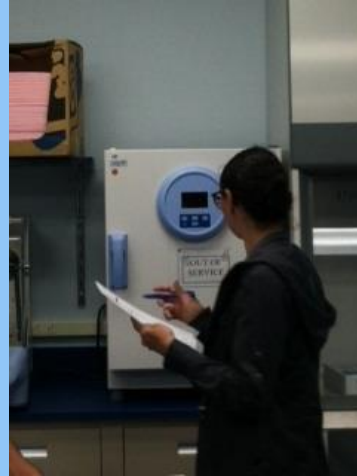
- 2012 - 1st Agency Citizen Science Workshop
- 2013 – Credible Data Training (NY, NJ & Buffalo)
- 2014 – Pathogen Water Monitoring Grantee Training
- 2014 – Caribbean Science/Citizen Science Workshop
- 2015 – Equipment Loan Program Launch (Water)
- 2015 – Airs Sensor Monitoring Training (ORD RARE)
- 2015 – Equipment Loan Training (May – NY/NJ)
- 2015 – Equipment Loan Training (August – PR/USVI)

2014 Grants within Region

- ▶ Pathogen Water Monitoring Project
 - 4 Grantees (2NY and 2NJ)

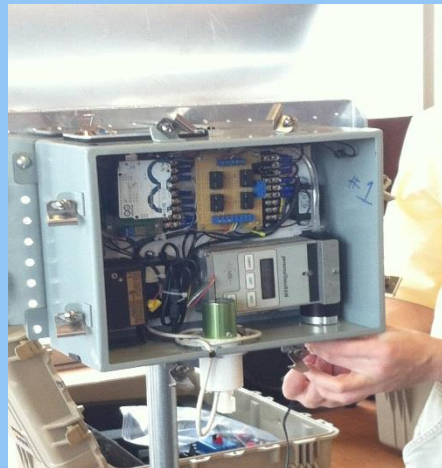


2015 Equipment Loan Program

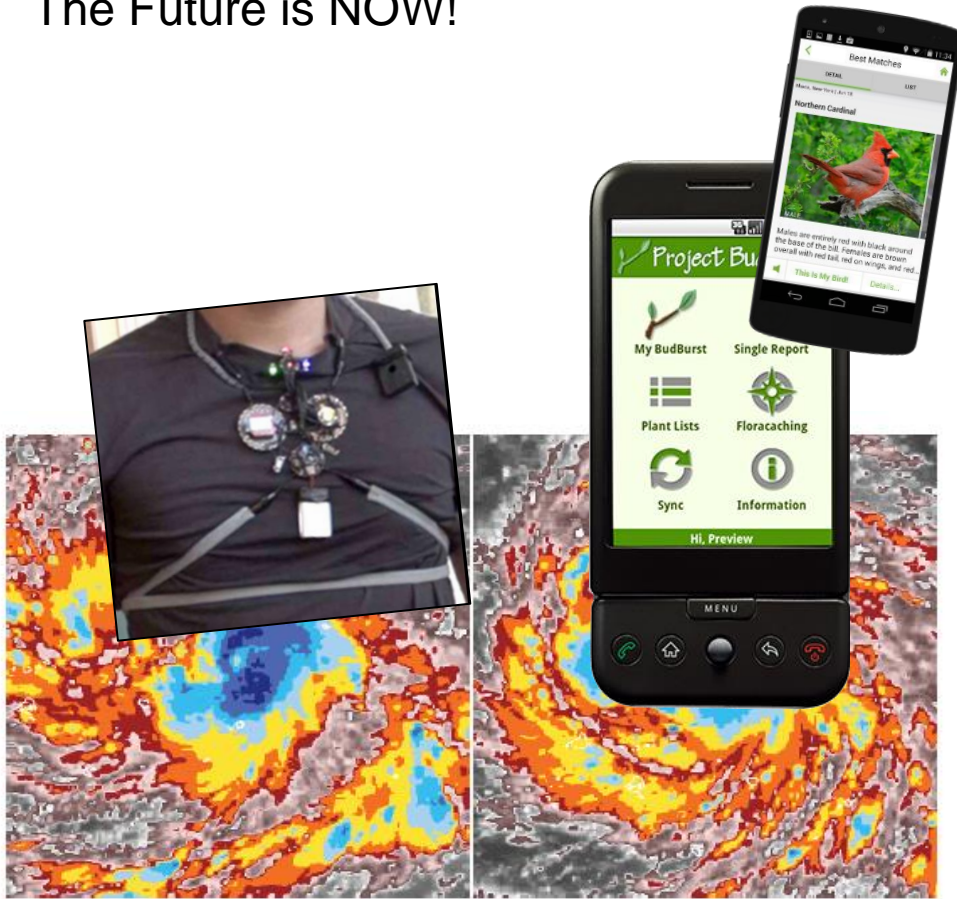


2014 Grants - Region/ORD

- ▶ Region 2/ORD RARE Project: Collaboration in Community Air Quality Monitoring
 - ORD – Toolbox Development
 - Region 2 – Equipment Loan
 - Ironbound Community in Newark NJ



The Future is NOW!



Choose the storm image that appears stronger.

Left

They're about the same

Right



Citizen Science...



- fills data gaps
- empower communities
- increase the dialog
- win/win for all

Thank you

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<http://www3.epa.gov/region02/citizen-science/>