Co-Creating Community Science for Local Impact

Natasha Udu-gama

14 November 2018

She/her/hers
@ThrivingEarth
Community science welcomes and values new skills, perspectives, and people.
Community science collaborates with communities who have been historically underserved by science and contributes to their capacity to use science
Community science engages with other ways of knowing and expands the practices of science.
Communities and scientists working together
How Thriving Earth does Community Science

Scope begins with community priorities

Match is a vetted volunteer

Share is open source

Solve aims for impact
Impact: Town able to provide justification to not spend the recommended $7-8m to remediate the ponds.
Scope:

Define a project that uses Earth and space science to advance community priorities

What strengths does the community have?
What are the community’s challenges and priorities?
How do they connect to Earth and space science?
How could a scientist contribute?
Match:

Recruit a pro-bono scientist to co-lead project with community leader(s)

What kind of scientist is needed for this project?
What skills should they have?

Dr. Ellen Silbergeld
Johns Hopkins University
Solve:

Provide ongoing coaching and connections to make an impact.
Share:

Celebrate successes and exchange methods
Improving Science’s Use and Practice through Community Science Partnerships

For scientists:
– Working with people, on shared priorities, in the places they live work and play.
– Offering our science with humility and honoring what others bring.

Community Science Values
– community context & local knowledge
– trust & partnership
– Collaborative planning and action
– People, process, results
– Community impact
Benefits of Community Science

• Inspires innovative research
• Engages diverse communities
• Develops new skills
• Advances science learning
• Increases support for science
• Cares for the Earth
• Pays it forward
Over 89 Projects; 30 completed
Impacting over 12 million people
Join us at

Thriving Earth Exchange Project Launch Workshop
Wed. 12 Dec. 10am – 3pm

Celebrating Community Science with Thriving Earth Exchange
Tues., 11 Dec. 6:30 – 9:00 p.m.

Community Science 101: Practical Tips and Real-World Strategies for Engaging with Communities
Tues. 11 Dec. 10am – 12pm
Thurs. 13 Dec. 10am – 12pm

Advancing Equity Through Community Science
Thurs. 13 Dec. 2 – 4pm

Community Science Clinics:
• Mon. 10 Dec. 9-11am
• Tues., 11 Dec. 2-4pm.
• Fri. 14 Dec. 9-11am

For locations and to RSVP go to:
https://thrivingearthexchange.org/fall-meeting-2018/
Thank You

www.thrivingearthexchange.org
@Thriving Earth
Nudu-gama@agu.org