

How can we raise the capacity of ISE institutions to facilitate dialogues of particular relevance with local community, civic, and scientific stakeholders?

Can connecting scientists, civic institutions, and publics with one another reduce polarization about socio-scientific issues?

The aim of this project is to build capacity among institutions of informal science education (ISE) to design co-created public engagement with science (CC-PES) activities in partnership with civic, community, and scientist partners.



Together, partners will develop, evaluate, revise, and implement content and facilitation materials for deliberative Forum programs for diverse audiences, collect recommendations from the participants, and share them with the civic, community, and scientist partners.

Goals

1. ISE professionals will increase their understanding of how to co-create and implement dialogue programs that involve partnerships with ISE, community groups, civic partners, and scientists
2. Community groups and civic partners will increase their awareness of ISE institutions as a place to have conversations with scientists on STEM topics of interest to the community.
3. Scientists and civic partners will increase their awareness of ISE institutions as a place to get informed public input on decisions related to socio-scientific issues.



Museum of Science
OMSI
Everyday Encounters with Science

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Building Capacity for Co-Created Public Engagement with Science

ISE institutions as hubs for science, community, and civic representatives to engage in multi-directional learning through dialogue



Public Engagement with Science
PES ... (is) characterized by mutual learning—not one-way transmission from experts to publics... (*Many Experts, Many Audiences*. CAISE, 2009).

These programs allow Museum visitors, scientists, and civic partners to share their perspectives on an established topic and learn from one another.

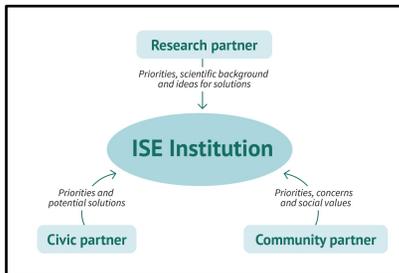


Forums
Programs that engage participants in deliberative, inclusive conversations about issues that lie at the intersection of science and society.



So, how to create a Forum that is relevant to all audiences - scientists, civic partners, and the community?

Our approach: co-creation --including community and civic partners throughout the three established phases of designing and implementing a forum



Agenda Setting

- Front-end evaluation to identify potential Forum topics
- Topic Selection Workshops
- Identification of Socio-Scientific Question
- Development of Content and Facilitation Materials
- Formative Evaluation and Revisions

Decision-Making

- Participant Recruitment
- Staff and Facilitator Recruitment and Training
- Convene Forum Events

Policy-Forming

- Analyze and Discuss Outcomes
- Formulate Action Plans
- Dissemination

Regional Teams

Boston, MA:
Urban College of Boston
Mayor's Office of New Urban Mechanics
Museum of Science, Boston

Portland OR:
Momentum Alliance
Metro
Oregon Museum of Science & Industry

Detroit MI:
Michigan Science Center
Sierra Club
Office of the Mayor

Durham NC:
North Carolina Museum of Life and Science



Topic Selection Process



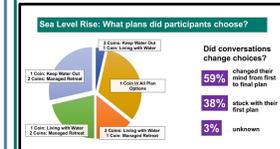
Content Development



Participant Recruitment



Convening Forum Events



Formulate Action Plans



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