**Methods**

**Survey recruitment**

- **Initial list**: 390 groups compiled from environmental coalition websites and a SNEP Network outreach list.
- **Recruitment database**: 718 total groups contacted between November 2020 to April 2021.

**Inclusion criteria (n=111)**:
- Civic environmental stewardship groups. These include: civic organizations like nonprofits (92), school (2), quasi-government agencies (4); other (7), No 501-c status (3), 501(c)4 (1), public-private (1), private business (1).

**Qualitative analysis** of the open-ended question, “How is covid-19 affecting your organization?”

**Thematic coding**: categorize impacts/implications for stewardship

**Causation coding**: what groups attributed to be the causal mechanisms of impact

**Process coding**: how have groups changed stewardship in response to impacts

**Quality assurance protocols applied**.

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### Results

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<thead>
<tr>
<th>Number of groups</th>
<th>Negative impacts</th>
<th>Neutral impacts</th>
<th>Positive impacts</th>
<th>Reported agency to respond/adapt</th>
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</table>

Figure 1. Self-reported impacts on environmental stewardship organizations.

**Discussion**

**Capacity and environmental governance**:

- **Results show negative impacts on volunteer work**.
- **Groups adapted work flows to leverage internal group strengths and work from home**, sometimes reducing part-time and temporary opportunities.

**Engagement and nature contact following disturbance**:

- **Shifted activities online and often re-oriented around educational efforts**, reducing other kinds of stewardship activities.
- **These changes raise concern over public space access, and moves the conversation toward an urgent need for nature-contact in public health crisis contexts.**

**Direct stewardship and environmental outcomes**:

- **Results show overall practice was impacted**, as well as decreases in research such as water testing, environmental cleanups, and urban tree maintenance.
- **May leave gaps in civic science-generated data.**