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Non-Governmental Organization (NGO) and Government Stakeholders

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Nevada Infrastructure for Climate Change Science, Education, and Outreach

Policy and Outreach Component

Research and Outreach on Public and Citizen Organizations

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Scope of project

- Identify relevant policy and organizational stakeholders in Nevada

- Examine climate change efforts within NV state government and other western states

- Collect empirical data on stakeholder perceptions and priorities in climate change research
Comparing State Planning Activities

Mitigation Plans

Action Plans

Adaptation Plans

Regional Plans

Source: Pew Center on Global Climate Change
Survey of Climate Change Science Needs

- Local organization view of climate change action as a priority
- Perceived existing capacity
- Current sources of scientific information on climate change impacts
- Perception of constraints for implementing adaptation plans
- Current levels of cooperation between various levels and types of government organizations
Types of organizations identified in Nevada

(n = 237)

- Local Office of Federal Agency, 10
- Non-Governmental Organization, 5
- State/Local Government Agency, 66
- State Government Legislature, 37
- County Government, 41
- Local/Municipal Government, 78
Survey Respondents by Activity

- Fire control
- Grazing or livestock
- Forest or timber
- Wildlife or game
- Vegetation or plant communities
- Biodiversity
- Cultural resources
- Recreation
- Energy
- Public health
- Infrastructure
- Office of an elected official
- Other
Response by Organization

- Federal Government Agency: 0%
- Local Government Agency: 48%
- State Government Agency: 23%
- Regional Agency: 13%
- Business Association: 6%
- Special Purpose Government (School, Utility, Water District, etc.): 7%
- Non-Profit Organization: 3%
In terms of the activities of your organization, please rank the level of concern about each potential impacts of climate change.

- Wildfires: Very concerned
- Extreme storm events: Very concerned
- Surface water availability: Very concerned
- Snowfall/seasonal water storage: Very concerned
- Recharge rates for groundwater: Very concerned
- Flood events: Very concerned
- Frequency of heat waves: Very concerned
- Natural vegetation communities: Very concerned
- Agricultural production: Very concerned
- Wildlife habitat: Very concerned
- Biodiversity: Very concerned
- Infrastructure needs: Very concerned
- Human health: Very concerned
- Economic Impact: Very concerned

Options:
- Very concerned
- Somewhat concerned
- A little concerned
Survey Results

Inverse relationship between TV news as primary source of climate information and confidence in the underlying science (Chi Sq. p=0.04)

Positive relationship between organizations using outside consultants and confidence in the underlying science (Chi Sq. p=0.08)

No relationship found between organizational preparedness and size of budget, number of employees, or type of organization
## Primary Impediment to Working with other Organizations

<table>
<thead>
<tr>
<th>Response</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information on the real impacts of climate change</td>
<td>39%</td>
</tr>
<tr>
<td>Climate change impacts have a low priority in my organization</td>
<td>23%</td>
</tr>
<tr>
<td>Leadership</td>
<td>16%</td>
</tr>
<tr>
<td>Climate change impacts have a low priority in other organizations</td>
<td>7%</td>
</tr>
<tr>
<td>Time to organize</td>
<td>3%</td>
</tr>
<tr>
<td>Other</td>
<td>12%</td>
</tr>
</tbody>
</table>
Next Steps

- Increase response rate for sample of NV organizations
- Examine policy experiments by local governments in other states
- Develop a network of organizations with interest in climate science information
Questions?