

BIA Branch of Tribal Climate Resilience Unmet Need Report 2023 Input Form

Background and Informed Consent

The Bureau of Indian Affairs' Branch of Tribal Climate Resilience (TCR) received a Congressional mandate to provide "information on the unmet need of coastal Tribes in the lower 48 states that are facing relocation due to climate impacts." TCR is working with the Institute for Tribal Environmental Professionals (ITEP) based out of Northern Arizona University and others to produce a report with this information. The report is due December 2023. The due date for input is **Friday, November 3, 2023**, to allow the report team time to follow up as needed and to incorporate the information provided into the report.

For the report we are considering both the need to protect and/ or move (relocate) infrastructure and/or cultural resources due to climate impacts such as erosion, sea level rise, increased flooding, wildfire, and more. We would also like to understand the broad range of needs that Tribes may have related to relocation and protecting-in-place (RP) including legal, infrastructural, and policy needs, information for decision-making, social, health, and cultural considerations, staffing and funding needs, livelihoods and subsistence considerations, and more. Tribes with trust lands on the shores of the Great Lakes are considered coastal for this report.

Report outcomes will include:

1. Estimates of current and potential future relocation and protect-in-place infrastructure and, if possible, land acquisition costs
2. Climate analyses including potential future inundation due to sea level rise and potential number of high-tide flooding days. We are also looking into whether adequate erosion projections exist.
3. Discussion of need(s)/challenges and potential solutions associated with:
 - o Environmental and land issues, legal and policy considerations, information needed for decision-making, infrastructure and technology considerations, social, health, and cultural considerations, and economic considerations (ELIISE).

Some definitions

Coastal Tribes:

- o This report only considers federally recognized Tribes in the lower 48 states.
- o If your Tribe self-identifies as coastal, your Tribe will be considered coastal.
- o If your Tribe is located within a coastal watershed, your Tribe is considered coastal.

Protecting-in-place: The use of shoreline protection measures and structure rehabilitation, re-stabilization, or other adaptation measures to prevent or minimize impacts, allowing portions of a community or the entire community to remain in its current location.

Relocation: Moving select infrastructure/portions of the community (partial relocation) or the entire community (full relocation) to a new location.

1.0 Goals of obtaining input/knowledge and kinds of questions that will be asked.

Goals of input/knowledge gathering include understanding:

1. Climate-related drivers for protecting-in-place and relocation (e.g., erosion, flooding, sea level rise, wildfires, and more)
2. Relocation and protect-in-place decisions, timeframes, actions, and costs that Tribes have identified (if any).
3. Relocation and protect-in-place needs/challenges and possible solutions related to the ELIISE considerations discussed above.

The kinds of questions asked are related to the above topics.

2.0 How knowledge/input gathered will be used in the Unmet Need Report

Your name and contact information will be kept anonymous. The climate driver, relocation and protect-in-place decision(s), actions, costs, and land acquisition information you provide will be associated with your Tribe and used in combination with information from other members/ employees of your Tribe to inform outcomes 1 and 2 (see “Report Outcomes” above). Information you provide related to relocation and protect-in-place decision need(s) and possible solutions and need(s) after relocation takes place will not be associated with your Tribe and will be used to inform outcome 3. All people with access to the input you provide will have signed a confidentiality agreement that includes a statement that they will not use any information provided for uses other than those specified in this informed consent form.

3.0 Voluntary Participation and Editing/ Withdrawal of Information Provided

Sharing your input/knowledge is voluntary. You’ll be provided with a copy of the input form and/or notes from meetings. You can edit or remove the information you provided up until November 17, 2023, by emailing unmetneed2023@nau.edu or mailing Nikki Cooley, Co-Director, Institute for Tribal Environmental Professionals, PO Box 15004, Flagstaff, Arizona 86011-5004. *If mailing edits, ITEP must receive these by November 17, 2023.*

4.0 Confidentiality, what will happen to input forms and meeting notes after the report publication

The report team, including representatives from TCR, ITEP, and contractors working for TCR and ITEP, will have access to the input forms and any notes taken during meetings. All who have access will sign a confidentiality agreement to not share individual names and contact information outside of the report team. Unless given permission and/or requested by you, individual names and contact information will be kept anonymous in the report and will not be shared with the public. Hard copies of input forms and meeting notes will be scanned and then shredded. Electronic copies will be kept in password protected files. Input forms and meeting notes will be kept for at least five years after the report is submitted in December 2023 and will be destroyed once no longer needed.

Please note, input forms and meeting notes may be subject to Freedom of Information Act requests.

5.0 How input/knowledge obtained will be shared back with you

You will receive a copy of the input form and/or meeting notes for your records. If you wish to edit and/or withdraw the information you have provided, you will be able to do so as described above in Section 3.0.

In addition, the information will be used in the Unmet Need report as described above. Once published, the Unmet Need report will be shared with you in a variety of ways:

- When you provide input/knowledge, you will be asked whether you would like to receive an electronic version of the report or a hard copy.
- An electronic version of the report will be posted on the BIA Branch of Tribal Climate Resilience (TCR) [website](#). The [report website](#) will link to the report on the TCR website.
- The report team will host a webinar to present the results of the report. The webinar will be recorded and posted to the report website.
- The report team will present the results of the report at various Tribal gatherings. These will be listed on the [report website](#).

6.0 Potential risks of providing information

We recognize that cultural and sacred sites may be impacted by climate change and be important concerns mentioned on this form. We ask, however, that you do not provide specific information related to site locations or provide us with sensitive information that you do not want made public. While we will not include such location information and/ or information that we think might be considered sensitive in the report, *please note that input forms and meeting notes submitted may be subject to Freedom of Information Act requests.* Also, please note that if you provide input/knowledge during public meetings, we cannot control how others participating in the meetings (*beyond the report team*) may share the input/knowledge you provide. We do not anticipate any other risks to you by providing the report team with input. You’ll have the opportunity to edit and/or withdraw information as described above in Section 3.0.

7.0 Potential benefits of participating

We cannot guarantee any benefits/ funding to you or others from the information you provide to us. However, we hope that Congress will make use of information presented in the report to further Tribally self-determined relocation and protect-in-place efforts.

8.0 Approval Process

The Institute for Tribal Environmental Professionals based out of Northern Arizona University (NAU) has received full approval from NAU’s Tribal Consultation team to move forward with gathering input for the BIA Unmet Need Report. In addition, ITEP received a determination letter from the NAU’s Institutional Review Board office stating the report “*does not require oversight by the Northern Arizona University Institutional Review Board because the report does not meet the definition of ‘research’ and/or ‘human subject’*”.

9.0 Questions and concerns

If you have questions or concerns, you may speak with the Bureau of Indian Affairs Branch of Tribal Climate Resilience report lead, Elisha Flores (elisha.flores@bia.gov, 510-504-8998) or the Institute for Tribal Environmental Professional’s Colleen Cooley (Colleen.Cooley@nau.edu, 928-523-1625) or Karen Cozzetto (Karen.Cozzetto@nau.edu, 928-523-6758).

By checking this box, you acknowledge that you have read this informed consent form and that you are voluntarily sharing knowledge/input for the BIA Unmet Need report.

Name

Date

Input Form Questions

A few things to note

- You are not required to answer every question. If you don't feel comfortable answering a question, please skip it. We appreciate any input you might have on what you are knowledgeable about. Please feel free to forward this form to others who may be more knowledgeable about different form questions.
- The time to complete the survey will vary depending on the number questions that you answer. There are approximately 55 questions, many of which are check boxes. We estimate that it may take from 20 minutes up to one hour to complete the survey.
- We are interested in understanding any relocation and protect-in-place concerns you may have. There is space towards the end of the form for you to provide any information that you feel is important for us to know that has not been addressed by the questions.
- Please either email this form to unmetneed2023@nau.edu or mail this form to Nikki Cooley, Co-Director, Institute for Tribal Environmental Professionals (ITEP), PO Box 15004, Flagstaff, Arizona 86011-5004.
Forms must be received by Friday, November 3, 2023.

Background questions

- First name
- Last name
- Email
- Phone number (optional for follow up if we have questions).
- Tribe or Tribal organization I am representing on this input form:
 - I am a member of the Tribe listed in the previous question.
 - Yes
 - No
 - I work for the Tribe or Tribal organization listed in the previous question.
 - Yes: Position
 - No
 - Other: *Please describe.*
- Do you consider your community a coastal Tribe?
 - Yes
 - No
 - Not applicable
 - Other: *Please describe and use as much space as you need. The text box will expand as you write.*

Section 1 - Questions related to climate drivers, decisions, and timeframes

- Can you identify the types of climate-related concerns that are requiring your community to protect and/or move critical infrastructure and/or cultural resources? **Please check all boxes that apply. You can check more than one box within a single row.**

	Yes - protect-in-place	Yes - relocate	No	Unsure
Inundation (permanent submerging of lands) due to sea level rise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flooding - associated with storms and storm surges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flooding - high-tide/King tide/ sunny day coastal flooding (flooding not associated with storms)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal flooding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Riverine flooding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Erosion - coastal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Erosion - riverine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Landslides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Severe weather - thunderstorms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Severe weather - hurricanes or typhoons	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Severe weather - winter storms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wildfire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drought	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Impacts to food resources: <i>Please describe and use as much space as you need. The text box will expand as you write.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other: <i>Please describe and use as much space as you need. The text box will expand as you write.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- Has your Tribe/ community made any decisions related to protecting-in-place and/or relocating?
 - Yes
 - No
 - Unsure
 - Other: *Please describe and use as much space as you need. The text box will expand as you write.*

- If you answered yes to the previous question, what decision(s) has your Tribe/community made? We recognize that communities may be pursuing multiple options simultaneously. **Please check all boxes that apply.**
 - To use protection-in-place measures for portions of the community
 - To protect an entire community
 - To relocate portions of the community
 - To relocate an entire community
 - Unsure
 - Other: *Please describe and use as much space as you need. The text box will expand as you write.*

- If you answered yes to the previous question on decision(s) made, has your Tribal Council/government initiated communication with the federal government?
 - Yes
 - No
 - Unsure
 - Not applicable
 - Other: *Please describe and use as much space as you need. The text box will expand as you write.*

- If you answered yes to the previous question on decision(s) made, has your Tribal Council/government initiated communication with the state government?
 - Yes
 - No
 - Unsure
 - Not applicable
 - Other: *Please describe and use as much space as you need. The text box will expand as you write.*

- Has your Tribe/community discussed timeframes for relocation?
 - Yes
 - No
 - Unsure
 - Other: *Please describe and use as much space as you need. The text box will expand as you write.*

- If you answered yes to the previous question, please specify the timeframe(s) for moving as best you can. We recognize that communities may be considering moving different infrastructure/portions of a community at different times. **Please check all boxes that apply.**
 - 0-10 years (near-term)
 - 11-25 years
 - >25 years (longer-term)
 - Elders would like to remain in place. Younger generations are considering moving.
 - No specific timeframe has been discussed.
 - Unsure
 - Other: *Please describe and use as much space as you need. The text box will expand as you write.*

- Do you have any concerns about your buildings, infrastructure, cultural resources, etc. being lost to climate-related impacts? Please specify timeframe(s) as best you can. **Please check all boxes that apply.**

	0-10 years	11-25 years	> 25 years	Not applicable	Unsure
Yes – due to erosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Yes – due to inundation (permanent submergence)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Yes – due to excessive flooding but not inundation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Yes – due to excessive severe weather	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Yes – due to wildfire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Yes – due to drought	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	0-10 years	11-25 years	> 25 years	Not applicable	Unsure
Yes – due to impacts to food resources <i>Please describe and choose timeframe(s). Can refer to the first question in this section. Please use as much space as you need. The text box will expand as you write.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Yes – due to other causes. <i>Please describe and choose timeframe(s). Can refer to the first question in this section. Please use as much space as you need. The text box will expand as you write.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- We recognize that making decisions to protect-in-place and/or relocate is incredibly difficult. Has your Tribe experienced challenges related to different opinions on what decisions to make with respect to protect-in-place and/or relocate?

Yes

No

Unsure

Other: *Please describe and use as much space as you need. The text box will expand as you write.*

- If you answered yes to the previous questions, could you describe the challenges and any resources/ processes that were helpful or might be helpful in terms of reaching decisions on how to proceed? *Please use as much space as needed. The text box will expand as you write.*

Section 2 - Questions related to protect-in-place and/ or relocation actions

- Are you actively trying to or planning to **protect** the loss of infrastructure and/or cultural resources due to climate impacts?

Yes

No

Unsure

Other: *Please describe and use as much space as you need. The text box will expand as you write.*

- If you answered yes to the previous question, what kinds of structures or cultural resources are you trying to or planning to protect-in-place? *Please use as much space as you need. The text box will expand as you write.*

- Are you actively trying to or planning to **relocate** structures and/or cultural resources due to climate impacts?

Yes

No

Unsure

Other: *Please describe and use as much space as you need. The text box will expand as you write.*

- If you answered yes to the previous question, what kinds of structures or cultural resources are you trying to or planning to move? *Please use as much space as you need. The text box will expand as you write.*
- Has your Tribe/community identified protect-in-place and/ or relocation actions/measures in any of the following plans? *Protect-in-place actions may include: vegetated features to dissipate offshore waves, structural elevation, floodproofing buildings, floodplain policy, levees, berms, sea walls, and more. Relocation actions may include moving: buildings, docks, roads, wells, fishing, gathering, and harvesting locations, and more. Please check all that apply.*

	Yes	No	Unsure	Not applicable
Master Relocation Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazard Mitigation Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Climate change vulnerability assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Climate change adaptation plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comprehensive economic development plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Management Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Response Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Energy Sovereignty plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Greenhouse gas mitigation plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Integrated Resources Management Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relocation Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Managed Retreat Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transportation plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water availability plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other plans: <i>Please list the plans. Please use as much space as you like. The text box will expand as you write.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- Can you describe any protect-in-place and/or relocation actions that your Tribe/community has identified that are not listed in any plans? *Please use as much space as you need. The text box will expand as you write.*

Section 3 - Questions related to land issues

- If your Tribe/community is relocating either partially or fully, have you or are you planning to acquire land to move to?
 - Yes – have already acquired land
 - Yes – planning to acquire land
 - Yes – have acquired land and planning to acquire more land
 - No
 - Not applicable
 - Other: *Please describe and use as much space as you need. The text box will expand as you write.*

- If you answered yes to the previous question, how much land **in acres** (approximately) has your Tribe acquired and/or does your Tribe plan to acquire?
 Insert acres for land your Tribe has already acquired
 Insert acres for land your Tribe is planning to acquire
 Unsure

- If your Tribe has acquired or needs to acquire land, what land acquisition actions has your Tribe taken or is your Tribe considering? **Please check all boxes that apply.**

	Completed	Considering for the future	Not Considering	Unsure
Buying private land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Participating in a land transfer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Participating in a land exchange	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other options. <i>Please describe. Please use as much space as you like. The text box will expand as you write.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- If you answered yes to participating in a land transfer in the previous question and, if okay to share, with whom have you participated in a land transfer or with whom are considering participating in a land transfer? **Please check all boxes that apply.**

	Have participated in a land transfer	Considering participating in a land transfer	Unsure
Federal government	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Land conservancy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Private landowner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other. <i>Please describe. Please use as much space as you like. The text box will expand as you write.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- If you answered yes to participating in a land exchange and, if okay to share, with whom have you participated in a land exchange or with whom are considering participating in a land exchange? **Please check all boxes that apply.**

	Have participated in a land exchange	Considering participating in a land exchange	Unsure
Federal government	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
State government	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Private landowner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other. <i>Please describe. Please use as much space as you like. The text box will expand as you write.</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- If your Tribe/community has information on costs associated with land acquisition, would they be willing to share cost information with us? If you answer yes to this question, we will follow up with you by email.
 - Yes
 - Yes, but requires Tribal Council/ government approval
 - No
 - Unsure
 - Our Tribe doesn't have any land acquisition cost information.
 - Other: *Please describe and use as much space as you need. The text box will expand as you write.*

- If your Tribe needs to acquire land, have you or are you planning to put land acquired into trust?
 - Yes. Please describe any resources needed to put land into trust:
 - No
 - Unsure
 - Other: *Please describe and use as much space as you need. The text box will expand as you write.*

- If your Tribe needs to acquire lands, do you have any concerns related to finding subsistence resources in the new location?
 - Yes. *If yes, please describe and use as much space as you need. The text box will expand as you write.*

 - No
 - Unsure
 - Other: *Please describe and use as much space as you need. The text box will expand as you write.*

Section 4 - Questions about populations who are/will be moving

- If you chose relocation of an entire community or a portion of a community, how many people (approximately) need to move?
 - 1-10
 - 10-50
 - 50-100
 - 100-150
 - 150+
 - Unsure
 - Other: *Please describe and use as much space as you need. The text box will expand as you write.*

- As part of relocation plans, is your Tribe/community considering the return of Tribal members who may have been displaced during previous climate disaster(s) (e.g., floods, wildfires, hurricanes, etc.)?
 - Yes
 - No
 - Unsure
 - Other: *Please describe and use as much space as you need. The text box will expand as you write.*

- As part of relocation plans, is your Tribe/community considering the return of Tribal members who may not have had the opportunity to live on Tribal lands due to limited housing, job opportunities, or other factors?
 - Yes
 - No
 - Unsure
 - Other: *Please describe and use as much space as you need. The text box will expand as you write.*

- If you answered yes to either of the two previous questions, approximately how many people, in addition to those noted above, would you like to be able to return to your community?
For example, if you are relocating a community of 60 people and would like an additional 40 Tribal members living off Tribal lands to be able to return, then you would put 40 as the answer to this question.

Section 5 - questions related to costs associated with relocation and protect-in-place

- Has your Tribe/village /community completed any cost analyses related to Relocation or Protect-in-Place measures?
 - Yes
 - No
 - Unsure
 - Other: *Please describe and use as much space as you need. The text box will expand as you write.*

- If you answered yes to the previous question, would you, your Tribe/community be willing to share cost analyses with us even if the costs are assessed in more general terms like low, medium, and high?
 - Yes
 - Yes, but requires Tribal Council/ government approval
 - No
 - Other: *Please describe and use as much space as you need. The text box will expand as you write.*

If you answered yes to this question, we will follow up with you by email.

Section 6 - Questions related to understanding unmet need(s) and solutions

To facilitate brainstorming on unmet RP need(s) and on solutions, we’re asking questions related to six categories known as the ELIISE framework – **E**nvironmental and land issues and solutions, **L**egal/policy challenges and solutions, **I**nfrastructure and technology needs and solutions, **I**nformation for decision-making needs and solutions, **S**ocial, health, and cultural needs and solutions, and **E**conomic needs and solutions.

We recognize that need(s) may fall into more than one category. Please feel free to either select just one category or enter the need in more than one category, whatever you prefer. We also recognize that needs may not fall into any of the below categories. There will be a space for you to include such needs at the end of this section.

As a reminder, you are not required to answer each question. If you do not feel comfortable or have the knowledge to answer a question, feel free to skip it.

Environmental and land issues and solutions

You can think about things like but not limited to:

Land purchase, exchange, transfer, and determining ownership; restoration, jurisdictional challenges, liability concerns with putting land into trust, determining water and food availability, livelihoods and subsistence considerations, and more.

- What relocation and/or protect-in-place challenges do you face within this category? *Please describe and use as much space as you need. The text box will expand as you write.*
- What solutions might you propose to address these challenges? *Please describe and use as much space as you need. The text box will expand as you write.*

Legal and policy challenges and solutions

You can think about things like but not limited to:

Treaty rights, federal laws, state laws, Tribal ordinances, jurisdictional issues, water rights, maintaining access to lands that have been submerged, plans, programs, laws, or policies related to subsistence access, National Environmental Policy Act, National Historic Preservation Act, and more.

- What relocation and/or protect-in-place challenges do you face within this category? *Please describe and use as much space as you need. The text box will expand as you write.*
- What solutions might you propose to address these challenges? *Please describe and use as much space as you need. The text box will expand as you write.*

Infrastructure and technology challenges and solutions

You can think about things like but not limited to:

Infrastructure that needs to be adapted/ moved, determining whether structures can be moved to new locations; rights of way; timing and/or order of infrastructure movement; infrastructure decommissioning (e.g., properly closing landfills, etc.); technologies or tools that might be helpful, and more.

- What relocation and/or protect-in-place challenges do you face within this category? *Please describe and use as much space as you need. The text box will expand as you write.*
- What solutions might you propose to address these challenges? *Please describe and use as much space as you need. The text box will expand as you write.*

Information for decision-making needs and solutions

You can think about things like but not limited to:

Indigenous knowledge(s), engineering analyses needed, monitoring, modeling, research, climate change analyses, and more.

- What relocation and/or protect-in-place challenges do you face within this category? *Please describe and use as much space as you need. The text box will expand as you write.*
- What solutions might you propose to address these challenges? *Please describe use as much space as you need. The text box will expand as you write.*

Social, health, and cultural needs and solutions

You can think about things like but not limited to:

Communication, population growth or decline, gathering, fishing, and/or harvesting areas and/or access, ceremonial grounds, sacred sites, education, intergenerational knowledge sharing, physical, mental, and spiritual health, staffing needs, family connections, reaching consensus on decisions, coordination mechanisms, generational differences, ability to hire and retain staff, Council turnover, and more.

- What relocation and/or protect-in-place challenges do you face within this category? *Please describe use as much space as you need. The text box will expand as you write.*
- What solutions might you propose to address these challenges? *Please describe use as much space as you need. The text box will expand as you write.*

Economic needs and solutions

You can think about things like but not limited to:

Funding needs, funding mechanisms, expertise (or lack thereof) in grant writing, grant management, funding timing, administrative burden, and more

- What relocation and/or protect-in-place challenges do you face within this category? *Please describe use as much space as you need. The text box will expand as you write.*
- What solutions might you propose to address these challenges? *Please describe use as much space as you need. The text box will expand as you write.*

Other needs and solutions

- Are there any other relocation and protect-in-place needs and/or solutions that you would like to highlight? *Please describe use as much space as you need. The text box will expand as you write.*
-

Section 7 - Questions for after relocation takes place

- What services are needed after relocation to maintain viability in a new place? *Please describe use as much space as you need. The text box will expand as you write.*

 - Do you, your Tribe/community have plans to maintain stewardship of lands *that the Tribe has moved/relocated infrastructure away from* post-relocation? For example, maintaining access to fishing or harvesting areas.
 - Yes
 - No
 - Unsure
 - Other. *Please describe use as much space as you need. The text box will expand as you write.*
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Section 8 - Questions to close out the survey

- Would you like to contribute a relocation/protect-in-place story for possible inclusion in the report?
 - Yes
 - No

- If you answered yes to the above question, please review the options below and check all that apply.
 - I would like to contribute a photo and caption (yes/no)
 - I would like to contribute a written narrative (from one paragraph up to two pages)
 - I would like to contribute an audio recording (up to 5 minutes long)
 - I would like to contribute a video (up to 5 minutes long)
 - Other. *Please describe use as much space as you need. The text box will expand as you write.*

- Would you like your name and Tribal affiliation to be included in the acknowledgments of the Final report?
 - Yes
 - No

- Would you like your Tribal affiliation or organization to be included in the acknowledgments of the Final report but **not** your name?
 - Yes
 - No
 - Other. *What other way would you like to be acknowledged?*

- Would you like to receive an electronic copy of the report once published.
 Yes. Email to send report to:
 No
- A limited number of hard copies of the report will be available. Would you like to receive a hard copy if available?
 Yes. Mailing address:
 No
- If there is any additional information you would like to share in relation to unmet relocation and protect-in-place need(s), climate impacts, actions, costs, and solutions, *please feel free to do so here and use as much space as you need. The text box will expand as you write.*

We thank you for your time spent on taking this survey. The importance of your input cannot be overstated.

You will receive an email confirming that we have received your input form, and you will be emailed a copy of your form for your records. If there is any information that you would like to edit or withdraw, you can do so up until **November 17, 2023** by emailing unmetneed2023@nau.edu or mailing Nikki Cooley, Co-Director, Institute for Tribal Environmental Professionals (ITEP), PO Box 15004, Flagstaff, Arizona 86011-5004. *If mailing edits, ITEP must receive these by November 17, 2023.*

Thanks again!