1. **Introduction**

**Thank you for talking with us about the possibility of including your restoration project in our study of the economic contributions of restoration. I appreciate your time and understand that you are unable to participate. We would be grateful if you could take a moment to complete this short survey to help us learn a little more about your restoration project. This survey should only take about 5 minutes to complete. You can pause at any time; simply close the window and your answers will be saved. To resume and complete the survey, you will need to click on the link to the survey in the email you received. At that point, you can answer any remaining questions and/or edit any of your previous responses. At the end of the survey, click on the “Submit” button to finish the survey.**

**If you have any questions, please contact me at 970-226-9164 or** [**ccullinanethomas@usgs.gov**](mailto:ccullinanethomas@usgs.gov)**.**

**Thank you,**

**Cathy Thomas**

**Economist**

**U.S. Geological Survey**

**This survey was approved by the Office of Management and Budget (1028-XXXX).**

1. **Please indicate the cause of the injury to land that required restoration actions:** *(Check all that apply)*

|  |
| --- |
| \_\_\_\_\_Oil (OPA) |
| \_\_\_\_\_Hazardous substances (CERCLA)/hazardous materials (RCRA) |
| \_\_\_\_\_Fire |
| \_\_\_\_\_Human-built, temporary or permanent structures (such as roads, dams,  buildings, pipelines) |
| \_\_\_\_\_Natural processes/hazards (e.g., flooding, landslide, mudslide, earthquake,  hurricane)  \_\_\_\_\_Mining |
| \_\_\_\_\_Other (*please describe*) |

1. **Please identify the location of the restoration actions** *(Check all that apply)*:

|  |
| --- |
| \_\_\_\_\_U.S. Department of the Interior land (e.g., National Park Service, Bureau of Land Management, Fish and Wildlife Service) |
| \_\_\_\_\_Other U.S. Government land  \_\_\_\_\_State land  \_\_\_\_\_Local land (e.g., county or city)  \_\_\_\_\_Tribal land |
| \_\_\_\_\_Private land |
| \_\_\_\_\_Land outside the U.S. |

1. **Please indicate how the restoration actions were accomplished**: *(Check all that apply)*

|  |
| --- |
| \_\_\_\_\_Realty actions (i.e., purchased or acquired easements or otherwise acquired land for U.S. Department of the Interior Land or other U.S. Government land, private land, or land outside the U.S.) →*Directed to* ***Question*** *5* |
| \_\_\_\_\_Enhancement of existing (improve baseline conditions) →*Directed to* ***Question******6*** |
| \_\_\_\_\_Creation/conversion of existing (change baseline conditions) →*Directed to* ***Question******6*** |

1. **Please select the restoration focus that applies to this specific project. Please note that restoration intended to benefit specific organisms primarily through habitat work should be considered habitat-based**: *(Check all that apply)*

|  |  |
| --- | --- |
| \_\_\_\_\_Habitat-based | →*Directed to answer* ***Question 6*** |
| \_\_\_\_\_Organism-based | → *Directed to answer* ***Question 7*** |
|  |  |
| \_\_\_\_\_Non-biotic human use and/or cultural (non-Tribal) | → *Directed to answer* ***Question 10*** |
| \_\_\_\_\_Tribal | → *Directed to answer* ***Question 11*** |
|  |  |

1. **Please indicate the habitat-based restoration actions using the following categories**: *(Check all that apply)*

|  |
| --- |
| \_\_\_\_\_Planting |
| \_\_\_\_\_Seeding |
| \_\_\_\_\_Propagating |
| \_\_\_\_\_Storage (e.g., seed banking) |
| \_\_\_\_\_Invasive species control |
| \_\_\_\_\_Cropland conversion |
| \_\_\_\_\_Woody fuels management |
| \_\_\_\_\_Herbaceous fuels management |
| \_\_\_\_\_Vegetation management |
| \_\_\_\_\_Debris addition (e.g., coarse woody) |
| \_\_\_\_\_Bank stabilization/erosion control |
| \_\_\_\_\_Contouring |
| \_\_\_\_\_Dam removal |
| \_\_\_\_\_Channelization |
| \_\_\_\_\_De-channelization  \_\_\_\_\_Culvert replacement |
| \_\_\_\_\_Erosion control |
| \_\_\_\_\_Sediment removal |
| \_\_\_\_\_Coral reef restoration |
| \_\_\_\_\_Wetland creation |
| \_\_\_\_\_Marsh creation |
| \_\_\_\_\_Shoreline restoration |
| \_\_\_\_\_Other *(please describe)* |

1. **Please indicate which of the following were included in the organism-based restoration actions:** *(Check all that apply)*

|  |
| --- |
| \_\_\_\_\_Bird → *Directed to* ***Question 8*** |
| \_\_\_\_\_Fish → *Directed to* ***Question 8*** |
| \_\_\_\_\_Mammal → *Directed to* ***Question 8*** |
| \_\_\_\_\_Amphibian → *Directed to* ***Question 8*** |
| \_\_\_\_\_Reptile → *Directed to* ***Question 8***  \_\_\_\_\_Mollusc → *Directed to* ***Question 8*** |
| \_\_\_\_\_Invertebrate (not including mollusc) → *Directed to* ***Question 8***  \_\_\_\_\_Grass → *Directed to* ***Question 9***  \_\_\_\_\_Forb → *Directed to* ***Question 9***  \_\_\_\_\_Shrub → *Directed to* ***Question 9***  \_\_\_\_\_Tree → *Directed to* ***Question 9***  \_\_\_\_\_Other (e.g., lichen, moss, etc.) (*please describe*) → *Directed to* ***Question 9*** |

1. **Please indicate the faunal organism-based restoration actions**: *(Check all that apply)*

|  |
| --- |
| \_\_\_\_\_Protection  \_\_\_\_\_Breeding/Hatching/Rearing |
| \_\_\_\_\_Nest creation/inserts  \_\_\_\_\_Reintroduction/translocation  \_\_\_\_\_Other (*please describe*) |
|  |

1. **Please indicate the floral organism-based restoration actions:** *(Check all that apply)*

|  |
| --- |
| \_\_\_\_\_Protection  \_\_\_\_\_Plant propagation  \_\_\_\_\_Seeding  \_\_\_\_\_Planting  \_\_\_\_\_Storage (e.g., seed banking)  \_\_\_\_\_Other (*please describe*) |

1. **Please indicate the non-biotic human use restoration actions of this project**: *(Check all that apply)*

|  |
| --- |
| \_\_\_\_\_Built/replaced/repaired (e.g., buildings, boat ramps, trails) |
| \_\_\_\_\_Education (e.g., signage, visitor center, audio/visual materials, social media, classes) |
| \_\_\_\_\_Removal (e.g., dam, building, road)  \_\_\_\_\_Other (*please describe*) |
|  |

1. **Please indicate the tribal restoration actions of this project:** *(Check all that apply)*

|  |
| --- |
| \_\_\_\_\_ Cultural/religious/spiritual  \_\_\_\_\_ Ecological |
| \_\_\_\_\_ Educational (e.g., job training, scholarships, signage, interpretation) |
| \_\_\_\_\_ Economic (e.g., commercial fishery, tourism)  \_\_\_\_\_Other motivation (*please describe*) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

1. **What was the total project cost for this specific project? $\_\_\_\_\_\_\_**