



Project Title: Engaging Diverse Youth in Climate Change Response Strategies

Headline Title (2-5 words): Engaging youth with climate change

Brief Summary (Abstract): The National Park Service is collaborating with Global Explorers to develop a suite of educational activities targeting middle and high school students around the key communication messages that range in duration and complexity and are able to be packaged together for different purposes and demographics. All activities would go through development and testing phases in 2013 for piloting and implementation in 2014.

Project Location: Alaska, Colorado, and virtual audiences

Partners: NPS Climate Change Response Program, Kenai Fjords NP, Denali NP and Global Explorers

Project Goals: The resulting curriculum aims to teach educators and students about the principles of climate change through a place-based approach. It shares overall climate science, and delves into how climate change is occurring on the landscape in parks, how resources will be affected and describes potential actions to get involved in the solution. This project will reach k-12 educators and students in urban or underserved environments that may not have the opportunity to travel to a national park or learn about climate change in the context of a national park.

Strategy Goals Implemented: Goal 6, strategy 6.2, actions 6.2.5: Develop educational materials and teacher trainings for K-12 classrooms linked to state education standards on impacts and responses to climate change.

Climate Impacts Addressed: species shifts, glacial melt, melting permafrost, sea level rise

Status of Project Implementation (Timeline, Milestones, Next Steps):

- Climate change curriculum to be finalized and made available via the web
- The experiential field trip will occur that last week of July and will include of group of students from Ohio who will learn about climate change in a place-based context
- Once the students return from their field trip they will develop a community service learning project that they will conduct to teach others in their local community about climate change.
- In the fall of 2014, Global Explorers will conduct an art contest over their website to generate student perspectives on climate change. The resulting art can be used as a communication tool for the NPS.

Project Outcomes:

- A collection of activities that address the NPS Climate Change Response Strategy's key communication messages that are customized to be relevant and effectively reach diverse and underserved youth.
- Credible research for NPS's use that shows how youth relate to climate change.



NATIONAL *fish, wildlife & plants*
CLIMATE ADAPTATION STRATEGY

- Professionally produced materials and digital assets that generate relevancy of climate change and environmental stewardship for youth and underserved audiences, which can then be used beyond this partnership to further broaden the CCRP's communication reach.
- Capstone expeditions based on Climate Change to select NPS Park Units.

Funding Sources: National Park Service

Website: http://www.globalexplorers.org/programs/climate_change_academy