



# United States Department of the Interior

OFFICE OF THE SECRETARY  
Washington, DC 20240

## CITATION

### **2013 PARTNERS IN CONSERVATION AWARD Klamath Tribal Leadership Development Program for Integrative Science & Traditional Ecological Knowledge Program**

This award nominated by the U.S. Fish & Wildlife Service and the Bureau of Indian Affairs recognizes the outstanding contributions of the Klamath Tribal Leadership Development Program for Integrative Science & Traditional Ecological Knowledge.

Tribal youth in northern California and southern Oregon are getting a unique opportunity to combine their tribal ancestral cultural knowledge about the local ecology and resources with the high-tech capabilities of National Aeronautics and Space Administration (NASA) and Federal natural resource agencies. Students gather traditional knowledge from discussions with tribal elders and apply this to programs that advance the restoration and management of native fish populations in the Klamath Basin.

Klamath Tribal Leadership Development for Integrative Science and Traditional Ecological Knowledge is an innovative program combining tribal cultural knowledge with today's technology. Partners include the U.S. Fish and Wildlife Service, the Bureau of Indian Affairs, the U.S. Geological Survey, NASA, the U.S. Forest Service, local tribes, and other partners. The tribes associated with this program include Quartz Valley Indian reservation, Resighini Rancheria, Klamath Tribes, Karuk Tribe, Yurok Tribe, and Hoopla Valley Tribe. To date, partners have brought their collective resources and expertise and have applied these to this collaborative effort, including remote sensing and unmanned aircraft systems (UAS). These technologies hold promise for improving our knowledge base and conservation effectiveness through energy efficient, cost-effective approaches to data collection with less impact on our ecosystems. As a result of this partnership, tribal youth in the Klamath Basin are being equipped with essential job skills that will allow them to become future conservation leaders while also contributing to the current management of culturally important fish species.

For their exceptional contributions to developing a 21<sup>st</sup> century workforce while integrating traditional knowledge and today's technology toward the conservation and stewardship of our cultural and natural heritage, the Klamath Tribal Leadership Development for Integrative Science & Traditional Ecological Knowledge Program is awarded the U.S. Department of the Interior Partners in Conservation Award.

U.S. DEPARTMENT OF THE INTERIOR  
**PARTNERS IN CONSERVATION**  
AWARD

*In recognition of outstanding conservation achievements  
attained through collaboration and partnership with others*

*Klamath Tribal Leadership Development Program for  
Integrative Science & Traditional Ecological Knowledge*

*U.S. Geological Survey*

*is hereby awarded this certificate in the year 2013*



*Sally Jewell*

Secretary of the Interior