WYOMING EPSCOR PROGRAM AT WIND RIVER

Jennifer Wellman, EOD Program Coordinator
Wind River Indian Reservation
HEADWATERS OF THE MISSOURI BASIN
WATER SCIENCE EDUCATION PLAN

- Community-based directive from Eastern Shoshone and Northern Arapaho tribes and schools:
  - Outreach to K-12 schools
  - Workforce Development and capacity building
  - Generation and analysis of data
  - Community outreach
OUTDOOR CLASSROOM
FOCUS ON YOUTH IN STEM
INTERNSHIPS AND WORKSHOPS
COMMUNITY OUTREACH
RESULTS

- Installed 3 new stream gauges, 2 weather stations
- Increased watershed science outreach to over 550 students
- Hosted workshops, retreats, and outreach events
- Served as a resource for the community re: watershed hydrology
- Partnered with numerous agencies and organizations to support environmental science research and education
Support tribal research priorities

Partner with Wind River Native Advocacy Center, Central WY College, and HPAIRI

Focus on ecosystem issues (bison, deer, elk), STEM in schools & traditional ecological knowledge.
COLLABORATION

University of Wyoming

Northern Arapaho Tribe
NSF
U.S. Department of the Interior

Eastern Shoshone Tribe

NOAA
U.S. Fish & Wildlife Service

WyCEHG

North Central Climate Science Center

Great Northern Landscape Conservation Cooperative

National Drought Mitigation Center

SMTC

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