



Native Waters on Arid Lands

First Climate Resilience Workshop - Nevada Indian Summit 09May17

From Climate Predictions to Climate Resilience

Purpose: Make climate data accessible and useable to Nevada tribal ranchers, farmers, and resource managers for water management and traditional and production agricultural development and sustainability.

Agenda

- 1000-1030 How did we get here? A review of the wild winter of 2016-2017
Nina Oakley, Regional Climatologist, Western Regional Climate Center, DRI
- 1030-1130 Roundtable Discussion about impacts of recent years (2012 to 2017) on tribal water supplies and traditional and production agriculture – How bad was the recent drought? Did spring/summer rains help? Were changes in agriculture practices necessary (temporary/permanent)? What is the outlook for this year? Is increased variability of water supplies a major concern (economically/culturally) for agriculture in the future?
Discussion leaders – Staci Emm/Kynda Curtis
- 1130-1230 Interpreting climate predictions in the context of both recent years and pre-historic droughts and extreme wet years?
Michael Dettinger, Senior Hydrologist, USGS
- 1230-1330 Lunch – TBD
- 1330-1430 Roundtable Discussion about how climate data can be more easily accessed and used for climate adaptation planning, water management and agriculture decision-making.
Discussion Leaders – Alex Lutz/Christine Albano
- 1430-1530 Roundtable Discussion about adapting agriculture to increasing variability of water supplies and warming temperatures, e.g., Hoop Houses, traditional combined plantings, heirloom/traditional seedbank use, community gardens, water conservation including minimal, ET irrigation upgrades, dryland farming/grazing
Discussion Leaders – Beverly Ramsey, Trent Teegerstrom
- 1530-1600 Recap from the 1st Annual Native American Nutrition Conference and thoughts to take forward to 2nd meeting Fall 2017
Beverly Ramsey, Director, Earth & Ecosystems Science, DRI
- 1600 Workshop close