INTERDISCIPLINARY INNOVATION WORKING GROUPS

Interdisciplinary Innovation Working Groups (I-IWGs) provide a venue for researchers, educators, and nationally-recognized experts to address grand challenges that require an interdisciplinary approach to transform science. IWG support (up to $7500) is aimed at working groups that emphasize the collaborative development and testing of important ideas and theories, cutting-edge analysis of recent or existing data and information, the use of sound science policy and management decisions, and investigation of social issues that pertain to energy development that minimizes impacts on water and the environment. In Year 5, NM EPSCoR funded the following I-IWGs:

New Mexico Computational Science Pathway: An Integral Part of New Mexico's Cyberinfrastructure for Research and Education: This I-IWG convened computer scientists, educators, and policy advocates from eight institutions. The group created a vision for computer science in New Mexico and a pathway for completing that vision. Among the outcomes were new collaborations among universities and national laboratories to create specialized mid-level computational science courses.

Water Resilience in the Intermountain West through Coordinated Research and Innovation: This I-IWG builds upon success of the Social & Natural Science Nexus team's New Mexico Dynamic Statewide Water Budget to explore a region-wide water budget approach to identify western trends in changing hydrology. The three-day event hosted representatives from water managers and universities across 11 states to tackle the grand challenge of water scarcity and management in the Western U.S.

TOP: Participants from the Water Resilience in the Intermountain West I-IWG visit a water quality field site; ***BOTTOM:*** Participants in the NM Computational Science Pathway I-IWG