

## **Dr. Karletta Chief Biography**

Dr. Karletta Chief (Diné) is an Associate Professor and Extension Specialist in Environmental Science at the University of Arizona. Dr. Chief works to bring relevant water science to Native American communities in a culturally sensitive manner. As Director of the Indigenous Resilience Center, she aims to facilitate efforts of UArizona climate/environment researchers, faculty, staff, and students working with Native Nations to build resiliency to climate impacts and environmental challenges. Two of her primary tribal projects are The Pyramid Lake Paiute Tribe Climate Adaptation and Traditional Knowledge Project and Gold King Mine Spill Diné Exposure Project. Dr. Chief also leads the NSF Indigenous Food, Energy, and Water Security and Sovereignty Program and is training 38 graduate students. Indige-FEWSS's vision is to develop a diverse workforce with intercultural awareness and expertise in sustainable food, energy, and water systems (FEWS), specifically through off grid technologies to address the lack of safe water, energy, and food security in Indigenous communities. Dr. Chief received a B.S. and M.S. in Civil and Environmental Engineering from Stanford University in 1998 and 2000 and a Ph.D. in Hydrology and Water Resources from UArizona in 2007.