

WATER CONSERVATION & DROUGHT MITIGATION

THURSDAY, DECEMBER 8, 2022 | 1:00 PM - 3:00 PM Meeting Link: https://azgov.webex.com/azgov/j.php?MTID=m199eca42f66397f6d9d5f83ad9ffc2b8 Meeting ID: 2451 418 0495 Password: p4eVy7ihyi6

1:00 PM Welcome and AGIC Natural Resources Workgroup Overview Elisabeth vanderLeeuw & Jay Corum, AGIC NRWG Chairs 1:15 PM Central Arizona Project Using Remote Sensing Tools to Determine Land Use and Water Consumption

Karen Fisher, Senior GIS Analyst 1:45 PM USDA-ARS Southwest Watershed Research Center

> The Geomorphic Legacy of Rangeland Water and Erosion Control Structures

> > Mary Nichols, PhD., Research Hydraulic Engineer

2:15 PM	BREAK
2:20 PM	TerraSystems Southwest
	Property Scale Hydrologic Remediation in Baja California Sur: Spatial and
	Soil Analysis

Jatta Sheehy, Senior GIS Analyst

Wrap-up and closing 2:50 PM Elisabeth vanderLeeuw & Jay Corum, AGIC NRWG Chairs Event end 3:00PM

ARIZONA GEOGRAPHIC INFORMATION COUNCIL

Natural Resources Presentation Series:

a geospatial focus on

WATER CONSERVATION & DROUGHT MITIGATION PRESENTERS



Karen Fisher, Senior GIS Analyst Central Arizona Project

Karen Fisher is a Sr. GIS Analyst at Central Arizona Project. She has 19 years of GIS experience with proficiency in enterprise architecture, data-modeling, data collection, analysis and application development. Her passion is developing GIS solutions to support water related decisions.



Mary Nichols, PhD., Research Hydraulic Engineer USDA-ARS Southwest Watershed Research Center

Mary Nichols is a Scientist with the Southwest Watershed Research Center in Tucson, AZ. She received her PhD in Engineering from New Mexico State University in 1999. Her research is focused on dryland erosion and erosion control, and the geomorphic and hydrologic impacts of legacy soil and water conservation work in rangeland watersheds across the western US.



Jatta Sheehy, Operations Manager & Senior GIS Analyst TerraSystems Southwest

Jatta Sheehy has diverse experience ranging from climate and soil science to geographical information systems and documentary production. She has a PhD in Agroecology with an emphasis in soil carbon and nitrogen cycling, and corresponding climatic impacts of various agricultural management practices from University of Helsinki, Finland.