Understanding Arizona's Riparian Areas
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Editor: George Zaimes

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George Zaimes is an Assistant Professor/Extension Specialist in watershed, riparian and rangeland management with the School of Natural Resources and Cooperative Extension at the University of Arizona. Through his position he will develop a statewide extension program on watershed and riparian management for public and private lands. He aims to cultivate partnerships with land management and research agencies to develop a strong extension and applied research program in watershed and riparian management with an emphasis on the southwestern United States. He will also implement and coordinate educational and assistance programs on watershed and riparian management for, and in coordination with, county extension officers, state forest managers, land management managers, private landowners and the public.

Michael A. Crimmins is on the faculty of the Department of Soil Water and Environmental Science at the University of Arizona and is an Extension Specialist in climate science for Arizona Cooperative Extension. Dr. Crimmins is trained as an applied climatologist and meteorologist and has ten years’ experience in the application of climatological and meteorological methods, tools, and data for natural resource management. During his four years of work as a private sector environmental scientist, Dr. Crimmins focused on water resources management. At that position, he provided expertise on hydroclimatology, urban and agricultural non-point source runoff modeling, remote sensing and GIS applications for watershed management.

Douglas Green has a formal academic background in rangeland resources with an emphasis on riparian and wetland ecosystems. He has been with Arizona State University for 15 years and is a faculty member in the Department of Applied Biological Sciences. His teaching and research interests focus on soils and riparian ecosystems. Currently, he is teaching courses in watershed management, riparian ecology, riparian restoration, soils and soil ecology. Recent and on-going research projects include an evaluation of livestock grazing on willow and cottonwood growth on the Verde River; monitoring and evaluation of restoration efforts at Lynx Creek; a health assessment of willows trees in the upper reach of Horseshoe Reservoir; measuring the impacts of juniper removal on soil enzyme activity near Snowflake, Arizona; and measuring the impacts of off-highway vehicles. He has also been involved with the US Army Corps of Engineers in the planning stage for the restoration of the Va Shl'ay Akimel reach of the Salt River.

Mary Nichols is a Research Hydraulic Engineer with the USDA - Agricultural Research Service - Southwest Watershed Research Center in Tucson, Arizona. She has been working as part of the erosion and sedimentation program since 1990 and received her PhD in Engineering from New Mexico State University in 1999. Mary’s primary research interests include small watershed erosion and sediment transport processes and rangeland remediation technologies.
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