

**Arid Lands Symposium: Integrating Research into Action**  
 May 4–5, 2018  
 Scottsdale Community College SL Building 116

**DRAFT Schedule**

**Friday, May 4, 2018**

8:00 a.m.	Registration/Check-in	
9:00 a.m.	Welcome and Announcements	
9:15 a.m.	<b>KEYNOTE:</b> Local to Global – Ensuring Wildlife Connectivity and Habitat Conservation ( <b>Jan Schipper</b> )	
9:45 a.m.	<b>PLENARY:</b> Salt River Pima-Maricopa Indian Community Approach to Natural Resource Protection ( <b>Thomas Krebs</b> )	
10:15 a.m.	Break	
<b>CONCURRENT SESSIONS</b>		
	<b>Long-Term Monitoring Programs</b>	<b>The IUCN Red List – A Comprehensive Global Biodiversity Initiative</b>
10:45 a.m.	A Living River – Tracking Changing Conditions along the Effluent Stretches of the Santa Cruz River <b>Zugmeyer</b>	<b>Panel Discussion:</b>  <b>Beth Polidoro</b> , Marine Fishes Red List Authority, IUCN <b>Jan Schipper</b> , Small Carnivore Specialist Group, IUCN <b>Lucas Majure</b> , Cactus and Succulent Plants Specialist Group, IUCN <b>Raul Puente Martinez</b> , Cactus and Succulent Plants Specialist Group, IUCN <b>Andrew Smith</b> , Lagomorph Specialist Group, IUCN <b>Helen Rowe</b> , Sonoran Desert Plants Species Specialist Group, IUCN
11:00 a.m.	Ground-Dwelling Arthropods in the McDowell Sonoran Preserve: Results from a Multi-Year Monitoring Study <b>Earl</b>	
11:15 a.m.	Pima County Ecological Monitoring Program: A Multi-Scaled Effort to Track the Health of the County’s Open-Space Lands <b>Powell</b>	
11:30 a.m.	Arid Land Vegetation Monitoring of the Agua Fria National Monument with the Assessment Inventory Monitoring Protocol and Other Techniques <b>Sitzmann</b>	
11:45 a.m.	Arizona Important Bird Areas community Science Bird Surveys <b>Supplee</b>	
12:00 p.m.	Lunch and Poster Session	
1:00 p.m.	<b>PLENARY:</b> Citizen Science to Inform Management  <b>Debbie Langenfeld</b> , McDowell Sonoran Conservancy <b>Tice Supplee</b> , Audubon Arizona <b>Ryan O’Donnell</b> , Arizona Game and Fish Department <b>Sarah Whelan</b> , Coalition for Sonoran Desert Protection	

**Friday, May 4, 2018 (cont.)**

<b>CONCURRENT SESSIONS</b>		
	<b>Creating and Sustaining Cost-Effective Arid Lands Research or Monitoring Programs through Citizen Science or Other Means</b>	<b>Invasive Species in the Southwest</b>
2:15 p.m.	Citizen Science as a Citizen Scientist: In the Field and at Home <b>Rivera</b>	Creating Islands of Refuge in a Sea of Tamarisk: An Experiment in Action <b>Tluczek</b>
2:30 p.m.	RAMPS: The Restoration Assessment and Monitoring Program for the Southwest <b>McCormick</b>	Carnivore Activity in Riparian Forests of Southeastern Arizona <b>Herzog</b>
2:45 p.m.	Lessons from a Two-Year Ethnographic Study of McDowell Sonoran Conservancy Stewards <b>Bleam</b>	Tamarisk Beetle and Restoration Efforts <b>McMaster</b>
3:00 p.m.	Break	
<b>CONCURRENT SESSIONS</b>		
	<b>Protecting Native Species Biodiversity</b>	<b><i>Pennisetum</i> Removal</b>
3:15 p.m.	Genetic Analysis of the Common Chuckwalla in Central Arizona <b>M. Jones</b>	Economics of Buffelgrass Control <b>J. Rowe</b>
3:30 p.m.	Using Genetics to Aid Conservation of a Local Endangered Cactus <b>Fehlberg</b>	Buffelgrass and Fountain Grass Removal Experiments <b>T. Sprague</b>
3:45 p.m.	High Range Filling for Sonoran Desert Food Plants in North America <b>Flower</b>	Southern Nevada Cooperative Weed Management Area Fountaingrass Control Initiative <b>J. Jones</b>
4:00 p.m.	Ecological Effects of Stream Flow Permanence on Butterfly and Plant Communities of Sonoran Desert Streams <b>Butler</b>	Discussion
<b>EVENING NETWORKING</b>		
5:00 p.m.	Twilight Tour Cocktail Party at Desert Botanical Garden	

## Saturday, May 5, 2018

6:30 a.m.	Early Morning Hike (pre-registration required)		
9:00 a.m.	Welcome Back and Announcements		
9:10 a.m.	<b>KEYNOTE:</b> From the Ground Up – Developing Effective Strategies to Inform Regional Ecological Restoration ( <b>Todd Esque</b> )		
<b>WORKSHOPS</b>			
9:45 a.m.	Citizen Scientists Taking Nature's Pulse: Phenology	Sonoran Priority Species List: Discussion and Brainstorming	Natural Infrastructure Viewer: Regional Open Space Planning Tool for Conservation
10:30 a.m.	Break		
10:45 a.m.	Workshops continued		
11:45 a.m.	Lunch and Optional Tours		
	Listening Tour	Center for Native and Urban Wildlife Tour	Scottsdale Community College Tour
1:00 p.m.	<b>PANEL:</b> Integrating Research into Action <b>RJ Cardin</b> , Maricopa County Parks and Recreation <b>Scott Sprague</b> , Arizona Game and Fish Department <b>Brian Powell</b> , Pima County Office of Sustainability and Conservation <b>Helen Rowe</b> , McDowell Sonoran Conservancy <b>Perry Grissom</b> , Saguaro National Park		
2:00 p.m.	Break		
<b>CONCURRENT SESSIONS</b>			
	<b>Managing, Protecting and Monitoring Native Wildlife</b>	<b>Arid Lands Restoration</b>	
2:15 p.m.	Using High-Throughput Research Methods to Inform Management of White-Nose Syndrome, an Emergent Fungal Infection of North American Bats <b>Moore</b>	Long-Term Plant Responses to Climate Across the Southwestern U.S.: Implications for Restoration <b>S. Munson</b>	
2:30 p.m.	Monitoring Deer Populations in the McDowell Sonoran Preserve <b>Herbert</b>	Diversifying the Urban Desert: Pima County's Native Plant Nursery <b>Byrd</b>	
2:45 p.m.	Preliminary Results from the McDowell Sonoran Mule Deer Movement Study <b>S. Sprague</b>	Testing the Efficacy of Ripping, Seeding, and Seed Bank Applications for Restoring Impacted Soils in the Sonoran Desert <b>H. Rowe</b>	
3:00 p.m.	The Impact of E. Rio Verde Drive on Mammal Community Composition and Connectivity Through the Gooseneck Corridor of McDowell Sonoran Preserve <b>Weiss</b>	Effects of Fire on Arizona Upland Plant Community Composition <b>Barron</b>	
3:15 p.m.	EcoSonics - Psychoacoustic Diversity Modeling for Environmental Management <b>Paine</b>	Implications for Restoration from Exotic Root-Rotting Phytophthoras <b>VinZant</b>	
3:30 p.m.	Conclusion of Symposium		