

PHENOLOGY RESEARCH AND OBSERVATIONS OF SOUTHWEST ECOSYSTEMS SYMPOSIUM (PROSE)

U.S.A. National Phenology Network (USA-NPN) &
Southwest U.S. Region, American Society of Photogrammetry & Remote Sensing (SW-ASPRS)

October 1st, 2010

Santa Rita Room, Student Union Memorial Center, University of Arizona, Tucson, AZ

Time	Topic	Presentations
8:00-8:30	Registration	
8:30-8:40	Welcome	PROSE Program Committee (Cynthia Wallace – President, SW-ASPRS, Michaela Buenemann, Theresa Crimmins, and Willem Van Leeuwen) & Jake Weltzin (Executive Director, USA-NPN)
8:40-9:10	Keynote	Rafe Sagarin: Observational Ecology and Phenology in an Era of Global Change
9:10-9:30	Talk 1	Jherime Kellermann and Charles van Riper III: Crossing the American Southwest: Phenological Patterns of Avian Migration and Stopover Habitat
9:30-9:50	Talk 2	Michael Crimmins et al.: Summer Monsoons Drive the Onset of Flowering Across Sky Islands Elevation Gradients
9:50-10:10	Talk 3	Rick Champion: Pattern Recognition for Time Series Analysis of Phenological Data
10:10-10:30	Poster Intros	<p>Daniel Bunting et al.: H85: Evapotranspiration: Modeling, Applications, Scaling, & Remote Sensing</p> <p>Theresa Crimmins: Nature's Notebook: The USA National Phenology Network's Plant and Animal Observing Program</p> <p>Katheryn Landau et al.: Identifying Vegetation Lifeforms in the Santa Catalina Mountains using LIDAR and Multispectral Data: Preliminary Results</p> <p>Krystine Nelson and Shirley Papuga: Continuous Monitoring of Dynamic Pulse-Driven Phenological Phases in a Semiarid Shrubland</p> <p>Amy Pate: Columnar Cacti Phenology, Climate and Lesser-Long Nosed Bat Roost Monitoring in Southwest Arizona</p> <p>Jose Raul Romo Leon et al.: Remote Sensing Shows Restoration Treatments Affect Post-Fire Responses of Forests in the Jemez Mountains, New Mexico</p> <p>Adam Springer et al.: Long-Term Monitoring of the Saguaro Cactus at Saguaro National Park</p> <p>Zachary Sugg et al.: Aerial Photo Classification for Monitoring the Spread of <i>Eragrostis lehmanniana</i> in a Semiarid Arizona Grassland</p>
10:30-11:30	Posters & Break	
11:30-11:50	Talk 4	Dawn Browning et al.: PHENO-MET: Integrating Vegetation Phenology with Abiotic Drivers and Satellite-Based Signals of Greenness
11:50-12:10	Talk 5	Ginny Fitzpatrick et al.: The Effects of Temperature on Mutualist Attendance in an Ant-Plant Interaction
12:10-12:30	Talk 6	Garrett Weaver et al.: Introducing The USA National Phenology Network
12:30-14:00	Lunch	Gary Nabhan: Citizen Science, Ethno-Phenology, and Climate Change
14:00-14:20	Talk 7	Pamela Nagler et al.: Monitoring Impacts of Tamarix Leaf Beetles (<i>Diorhabda elongata</i>) on the Leaf Phenology and Water Use of <i>Tamarix</i> spp. using Ground and Remote Sensing Methods
14:20-14:45	Talk 8	Sean Whitsitt et al.: Citizen Science in Support of Vegetation Index and Phenology Research
14:45-15:15	Posters & Break	
15:15-??:??	Discussion	Southwest Regional Phenology Network: Update & Discussion



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