

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)

28 October 2011

Catalina Conference Room (2nd Floor, Room 253)
USGS Environment and Natural Resources Building (ENRB), 520 N. Park Ave,
University of Arizona, Tucson, AZ

Time	Topic	Presentations
8:00-8:30	Registration	
8:30-8:40	Welcome	PROSE Program Committee (Cynthia Wallace – Past-President, SW-ASPRS, Michaela Buenemann, Joel Sankey, and Willem Van Leeuwen) & Jake Weltzin (Executive Director, USA-NPN)
8:40-9:15	Keynote	David Moore: Phenology, Ecology, and Ecosystem Function: Combining Multiple Observations using Simple Models
9:15-9:35	Talk 1	Mohamed Abdsalam El Vilaly et al.: A Remote Sensing Approach to Drought Monitoring to Inform Range Management at the Hopi Tribe and Navajo Nation
9:35-9:55	Talk 2	Andrew Neal et al.: Identifying Spatial and Temporal Structure to Scale Up Carbon Dioxide Fluxes in Drylands
9:55-10:15	Talk 3	Theresa Crimmins et al.: Changes in Spring and Summer Flowering Season Duration Across an Elevation Gradient
10:15-10:45	Poster Intros	<p>Armando Barreto et al.: VIP Data Explorer: A Tool for Exploring 30 years of Vegetation Index and Phenology Observations</p> <p>Daniel Bunting et al.: Estimating Large-Scale Evapotranspiration in Arid and Semi-Arid Systems</p> <p>Shai Kaplan and Soe W. Myint: Estimating Agricultural Water Consumption over an Arid Region using Remote Sensing</p> <p>Uyen Nguyen et al.: Vegetation Phenology and Intensity along an Ephemeral Desert River as a Function of Climate and River Flows, 2000-2010</p> <p>Javier Riviera-Camacho et al.: Evaluation of Reconstructed Remote Sensing Time Series Data</p> <p>Joel Sankey: Fire, Dust, and Phenology Remote Sensing</p> <p>Jessica Walker and Kirsten de Beurs: Remote Sensing Data Fusion for Analysis of Dryland Forest Phenology</p>
10:45-11:30	Posters & Break	
11:30-11:50	Talk 4	Cynthia Wallace: Mapping Landscape Phenology Preference of Yellow-billed Cuckoo with AVHRR Data
11:50-12:10	Talk 5	Shai Kaplan: Response of Urban and Non-Urban Land-Cover in Semi-Arid Ecosystem to Summer Precipitation Variability
12:10-12:30	Talk 6	Jose Raul Romo Leon et al.: Effects of Land Use Dynamics and Environmental Trends on the Timing and Magnitude of Phenological Stages in Arid Agro-Ecosystems of Northwestern Mexico
12:30-14:00	Lunch	
14:00-14:20	Talk 7	Dawn Browning et al.: Long-Term Reproductive Phenology in the Chihuahuan Desert Linking Legacy and Contemporary Datasets
14:20-14:40	Talk 8	Aaryn Olsson et al.: Remote Sensing Phenology for Invasions: A Challenge and an Opportunity
14:40-15:00	Talk 9	Jherime Kellerman and Charles van Riper III: Phenological Synchrony and Seasonal Niche Breadth of Migratory Birds on the Lower Colorado River
15:00-15:20	Talk 10	Jake Weltzin and Staff of the USA-NPN National Coordinating Office: Phenology as a Tool for Science, Management and Education in a Changing Environment: The USA National Phenology Network



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