Artificial Intelligence and the Accessibility and Analysis of Geospatial Data:
A SCINet Workshop

Wooton Hall, Jornada Exp. Range ARS, 2995 Knox St, Las Cruces, NM

September 10-11, 2019

Attendee List and Presentation/Poster Titles

Authors	Affiliation	Title
Anapalli, Saseendran (Sasi) saseendran.anapalli@usda.gov	ARS Sustainable Water Management Research Unit, Stoneville, MS	
Anchang, Julius anchang@nmsu.edu	New Mexico State University	Poster: Machine learning applications from the Savanna Lab
Arthur, Dan dan.arthur@usda.gov	ARS University Park LTAR Site, University Park, PA	Poster: Operationalizing the LTAR Information Ecosystem
Bestelmeyer, Brandon brandon.bestelmeyer@usda.gov	ARS Jornada	
Boucheron, Laura lboucher@nmsu.edu	New Mexico State University	Talk: Deep learning for geospatial data
Browning, Dawn dawn.browning@usda.gov	ARS Jornada	Talk: Applications of ML in natural resources w/geospatial data
Brungard, Colby cbrung@nmsu.edu	New Mexico State University and Jornada	Talk: Predictive geospatial modeling using machine learning
Burruss, N. Dylan et al. dylanb@nmsu.edu	New Mexico State University and ARS Jornada	Poster: Using machine learning to model complex landscapes: predicting the geographic range of Vesicular Stomatitis across the western United States
Carter, Jennifer jennifer.carter@usda.gov	Northern Great Plains Research Laboratory, Manan, ND	
Coffin, Alisa alisa.coffin@usda.gov	ARS Southeast Watershed Research Laboratory, Tifton, GA	Talk: HPC systems and AI in the Long-Term Agroecosystem Research Network– status, challenges, and potential for network level modeling and geospatial research
Coombs, Jason jason.coombs@usda.gov	ARS Jornada	
D'Adamo, Robert robert.dadamo@usda.gov	ARS, Fort Collins, CO	Poster: AgCROS Provides Agricultural Research Data with Exploratory Interfaces to Support Advanced Analytics
Delgado, Jorge jorge.delgado@usda.gov	ARS Soil Management and Sugarbeet Research, Fort Collins, CO	Poster: Potential to Use the New NLEAP-GIS 5.0 to Assess Nitrogen Management to Reduce Nitrate Losses to the Environment
Fleisher, David david.fleisher@usda.gov	ARS Adaptive Cropping Systems Laboratory, Beltsville, MD	Talk: Mapping Crop Yields in the Northeastern Seaboard Region: There Must be an Easier Way!
French, Andrew andrew.french@usda.gov	ARS Water Management and Conservation Research Unit, Maricopa, AZ	
Gaffney, Rowan rowan.gaffney@usda.gov	ARS Rangeland Resources & Systems Research, Fort Collins, CO	Talk: Big Data & Machine Learning: Mapping Grassland Vegetation

Gao, Feng feng.gao@usda.gov	ARS Hydrology and Remote Sensing Laboratory, Beltsville, MD	Talk: Large area crop phenology and water use mapping using satellite data: opportunities and challenges
Geil, Kerrie kerrie.geil@usda.gov	AAAS Science & Technology Policy Fellow at USDA ARS, Beltsville, MD	Poster: SCINet: A research environment with IT resources for all of ARS
Hanan, Niall nhanan@nmsu.edu	New Mexico State University and Jornada	Talk: Machine learning: friend and foe of geospatial and ecological science
Hatfield, Jerry jerry.hatfield@usda.gov	ARS National Laboratory for Agriculture and the Environment, Ames, IA	
Humphreys, John john.humphreys@usda.gov	ARS Jornada	
Ji, Wenjie wenjiji@nmsu.edu	New Mexico State University	Poster: Machine learning applications from the Savanna Lab
Kaplan, Nicole nicole.kaplan@usda.gov	ARS Rangeland Resources & Systems Research, Fort Collins, CO	
Kosecki, Stan stan.kosecki@usda.gov	ARS HQ, Beltsville, MD	
Long, Dan dan.long@usda.gov	ARS Soil and Water Conservation Research, Pendleton, OR	Poster: Interpreting spatial variation in multi-year yield data using Moran eigenvector spatial filtering
McCord, Sarah sarah.mccord@usda.gov	ARS Jornada	Poster: Connecting aggregated rangeland monitoring data to models via the Landscape Data Commons
Peters, Debra et al. Deb.peters@usda.gov	ARS Jornada	Poster: Greening of North American Deserts: Predicting Grass Responses using AI Technologies
Ponce, Guillermo geponce@email.arizona.edu	The University of Arizona, Tucson, AZ	Poster: Machine Learning to Assess Grassland Productivity in Southeastern Arizona
Ramirez, Geovany georam@nmsu.edu	New Mexico State University	Poster: Machine Learning for Accelerating Science
Ross, Wade cwross@nmsu.edu	New Mexico State University	Poster: Machine learning applications from the Savanna Lab
Savoy, Heather et al. Heather.savoy@usda.gov	ARS Jornada	Poster: The DASH Portal: Supporting Agricultural Research by Automating Geospatial Data Tasks
Snyder, Keirith keirith.snyder@usda.gov	ARS Great Basin Rangelands Research, Reno, NV	Poster: Phenology Cameras and Remotely-Sensed Data: Can Machine Learning Help With Image Analysis?
Vandenberg, Bruce bruce.vandenberg@usda.gov	ARS Center for Agricultural Resources Research, Fort Collins, CO	
Vigil, Merle merle.vigil@usda.gov	ARS Soil Management and Sugarbeet Research, Ft Collins, CO and Central Great Plains Research Station, Akron, CO	Poster: Matching N rates to Field Location Yield Potential in Precision Dryland Farming
Young, Katie kiy761@nmsu.edu	New Mexico State University	
Yu, Qiuyan qiuyanyu@nmsu.edu	New Mexico State University	Poster: Machine learning applications from the Savanna Lab