2015 Oklahoma Workshop on Remote Sensing Applications

Date: November 16, 2015

Time: 9:30am – 5:00pm

Location: Radar Innovations Laboratory, 3190 Monitor Avenue, Norman, OK 73019

The University of Oklahoma (http://arc.ou.edu/contact.html)

Time	Title	Speaker	Institute
9:30-9:45	OU Welcome	Berrien Moore	University of Oklahoma
Morning Session: Land Remote Sensing and Data Products (Chairs: Xiangming Xiao and Saleh Taghvaien)			
9:45-10:00am	Introduction on AmericaView	Roberta Lenczowski	America View
10:00-10:10am	Introductionn on Oklahoma View	Saleh Taghvaiean	Oklahoma State University
10:10-10:20am	Introduction on NASA EPSCoR and Oklahoma SpaceGrant	Victoria Duca-Snowden	Oklahoma Space Grant Consortium
10:20-10:40am	Hyperspectral Remote Sensing of Bioenergy Crops	Amy Frazier	Oklahoma State University
10:40 - 11:00am	Characterizing crop canopy with UAV remote sensing	Adam Mathews	Oklahoma State University
11:00-11:20am	Coffee Break; Group Photo		
11:20am - 12:20pm	Panel Discussion on Oklahoma state-wide geospatial datasets of forests, grasslands, and croplands	George Geissier, Daniel Hough, Xiangming Xiao, Mike Treglia	Oklahoma Forest Service, University of Oklahoma, Oklahoma State University, University of Tulsa
12:20pm-1:30pm	Lunch		
Afternoon Session: Water Remote Sensing and Data Products (Chairs: Yang Hong and Ke Zhang)			
1:30 - 1:50pm	Collaboration Leading Operational Unmanned Development for Meteorology and Atmospheric Physics	Jamey Jacob	Oklahoma State University
1:50 - 2:10pm	Utilization of remotely-sensed Landsat 8 data to predict water quality monitoring parameters on Grand Lake, Oklahoma	Abubaharr Mansaray	Oklahoma State University
2:10:-2:30pm	Multi-decadal changes in global land evapotranspiration and water balance inferred from satellite and ground observations	Ke Zhang	University of Oklahoma

2:30 - 2:50pm	Satellite Remote Sensing for Global Precipitation Measurements: TRMM and GPM	Abebe Sine Gebregiorgis	University of Oklahoma
2:50 - 3:10pm	Satellite Remote Sensing Data for Water Cycle Study: Case study for Data-poor region Nile Basin, Africa	Emad Abdou	University of Oklahoma
3:10 - 3:30pm	Coffee Break		
3:30 - 3:50pm	Using Remotely Sensed Data for Flood and Drought Monitoring in Data-Sparse Regions	Robert A. Clark	University of Oklahoma
3:50 - 4:50pm	Panel Discussion on Oklahoma state-wide geospatial datasets of water quantity, quality and utilitiy	Saleh Taghvaiean, Yang Hong, Xiangming Xiao, + 1-2 persons from state and local users	Oklahoma State University, University of Oklahoma, etc.
4:50 - 5:00pm	Workshop closing remark	Xiangming Xiao, Saleh Taghavaiean, and Yang Hong	University of Oklahoma, Oklahoma State University