



## 2014 Oklahoma Workshop on Remote Sensing Technology and Applications

Date: November 12, 2014  
Venue: Room 3910, National Weather Center,  
University of Oklahoma, Norman, OK

Agenda Each talk has 20 minutes presentation and 5 minutes Q/A

Time	Topics	Speaker	Institution
9:30 - 9:50am	Welcome and Opening Remark	Berrien Moore and Xiangming Xiao	University of Oklahoma
9:50 - 10:00am	Introduction on America View and Oklahoma State View	Saleh Taghvaeian	Oklahoma State University

### Session A. Land remote sensing and data products (Chair: Xiangming Xiao)

10:00 - 10:25am	Developing a new land cover map in Oklahoma	Daniel Hough	Oklahoma Biological Survey
10:25 - 10:50am	Agricultural application of GIS and remote Sensing	Corey Moffet	Noble Foundation
10:50 - 11:10am	Coffee and Tea Break, Group Photos		
11:10 - 11:35am	Unmanned aircraft systems and remote sensing	Jamey Jacob	Oklahoma State University
11:35 - 12:00pm	Dynamics of land cover types and productivity in Oklahoma	Xiangming Xiao	University of Oklahoma
12:00 - 1:00pm	Lunch break (provided for registered participants)		

### Session B. Water remote sensing and data products (Chair: Saleh Taghvaeian)

1:00 - 1:25pm	Satellite precipitation application for hydrological modeling	Abebe S. Gebregiorgis (Yang Hong)	University of Oklahoma
1:25 - 1:50pm	Soil moisture (and vegetation?) remote sensing products in Oklahoma	Jason Patton (Tyson Ochsner)	Oklahoma State University
1:50 - 2:15pm	Mapping evapotranspiration in Oklahoma from Landsat and MODIS	Saleh Taghvaeian (Prasanna Gowda)	Oklahoma State University
2:15 -	Space-based trace gas measurements for	Sean Crowell	University of

2:40pm	monitoring and scientific applications		Oklahoma
2:40 - 3:00pm	Coffee and Tea Break		

**Session C. Use of remote sensing data products for data analyses, modeling and decision support (Chair: Xiangming Xiao)**

3:00 - 3:25pm	Integrated modeling of land use and land cover change	Jennifer Koch	University of Oklahoma
3:25 - 3:50pm	Moving targets: Methods for wildlife remote sensing	Eli Bridge	University of Oklahoma
3:50 - 4:15pm	Application of remote sensing to watershed hydrologic and water quality modeling	Daniel E. Storm	Oklahoma State University

**Session D. Dialogue between researchers and users (Chair: Saleh Taghvaeian)**

4:15 - 4:50pm	Open discussion -- What remote sensing data products to be produced and used for Oklahoma?		
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4:50 - 5:00pm	Concluding Remark	Xiangming Xiao	University of Oklahoma
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