



Monitoring Forest Soil Moisture for a Changing World

NASA SMAP Data Tutorial Agenda May 17, 2018 – 1:00 PM (ET)

Kiva Conference Room, 3600 Green Court, Suite 100, Ann Arbor, MI 48105
Michigan Tech Research Institute

NASA SMAP Data Tutorial - May 17th

- 1:00 p.m. **Introduction to SMAP**
Presenting: Chalita Forgotson
- 1:15 p.m. **SMAP Mission Overview**
Presenting: Michael Cosh
- 1:25 p.m. **SMAP Products**
Presenting: Michael Cosh
- 1:40 p.m. **SMAP Calibration/Validation**
Presenting: Michael Cosh
- 1:55 p.m. **Break**
- 2:05 p.m. **Overview of SMAP data access from NSIDC**
Presenting: Paul Moth
- 2:15 p.m. **SMAP Data access, customization, and subsetting from NASA Earthdata Search tutorial**
Presenting: Paul Moth
- 2:45 p.m. **SMAP data access and visualization from NASA Worldview tutorial**
Presenting: Paul Moth
- 3:05 p.m. **Extracting point and area samples of SMAP data from the Application for Extracting and Exploring Analysis Ready Samples (AppEEARS) tutorial**
Presenting: Paul Moth
- 3:25 p.m. **Break**
- 3:35 p.m. **Challenges of working with SMAP data in ArcGIS and ENVI**
Presenting: Paul Moth
- 3:45 p.m. **SMAP Applications**
Presenting: Chalita Forgotson
- 4:00 p.m. **Feedback on applications of soil moisture data from participants (All)**
- 4:15 p.m. **Q&A (All)**
- 4:30 p.m. **Tutorial Adjourns**