

OEFS Project Presentations - Thursday, 30 April 2009

Rev. 28 April 2009

9:00 AM Ron Smith Review Presentation Guidelines

Epidemiology

- 9:15 AM Meagan Fitzpatrick Characterize Aedes Mosquito Habitat
9:30 AM Sarah Guagliardo Characterization of Mangroves in Cajigal Municipality, Sucre State, Venezuela
9:45 AM Vasso Pappa Comparison of Landcover Change Detection Techniques
10:00 AM Molly Rosenberg Landscape Characterization of Risk for Lyme Disease on Block Island
10:15 AM Brian Seavey The Potential Use of Landsat TM Imagery to Create an "Early Warning" Praziquantel Supply System to Improve Schistosomiasis Control

Desert Environment

- 10:30 AM Peter Coutros The Timbuktu Expedition Project
10:45 AM Lauren Adams Detecting Water Use in the Desert

11:00 AM 15 Minute Break

Techniques

- 11:15 AM Jennifer Hoyle Exploring MODIS Snow Cover Products
11:30 AM Marissa Matsler Calculating Index Variables Using Remote Sensing Techniques
11:45 AM Bjorn Fredrickson Developing a Tea Index for Upper Assam
12:00 PM Xin Zhang Detecting Landcover Type and Surface Flux Through Remote Sensing in Minn
12:15 PM Tim Kramer PALSAR/ALOS vs. Landsat TM: A Classification Comparison

12:30 PM 50 minute lunch break

1:20 PM Ron Smith Review Presentation Guidelines

Atmosphere

- 1:30 PM Michele Trickey Evaluation of the use of MODIS Emissive Bands to Detect Low-level Tropospheric Inversions over Antofagasta, Chile
1:45 PM Angel Hsu Blue-skies Beijing? Using MODIS TERRA Aerosol Optical Depth to Compare Measured PM10 data from Air-Monitoring Stations in Beijing
2:00 PM Sarah Dewey Cloud Lines Off of Cape Hatteras

Forestry Issues

- 2:15 PM Jacob Berv Investigation of the Mountain Pine Beetle Infestation in British Columbia, Canada
2:30 PM Ian Cummins Deforestation in of Santa Barbara Honduras
2:45 PM Christine Trac Forest Change in China: are China's Forestry Statistics Supported by Remote Sensing Data?
3:00 PM Dana Graef Land Use Change Around Havana, Cuba 1985-2000

3:15 PM 15 Minute Break

Urban Issues

- 3:30 PM Peter Christensen Examining Agriculture-Urban Land Conversion in the Rio Bravo Watershed
3:45 PM Norio Takaki Characterizing Urban Expansion Around Brasilia
4:00 PM Tianming Chen The Interaction of Urbanization and Climate Case Study: Beijing

Climate

- 4:15 PM Dea Doklestic Examining the 2009 Drought Effects in Buenos Aires, Argentina
4:30 PM Aaron Judah Measuring Changes in Feedback Mechanisms Responsible for Exacerbating Heatwaves and Droughts from Space Observations
4:45 PM Tamara Machac Regional Climate Change: Surface Heat Budgets in Semi-arid Regions
5:00 PM Nicole Thom The Recent Flood of the Red River in North Dakota

5:15 PM 15 Minute Break

Land Use and Land Cover Change Detection

- 5:30 PM Christa Anderson Land Use Change on Kuku Ranch, Kajiado District, Kenya
5:45 PM Jacob Munger Land Use in Bangalore, India
6:00 PM Esteban Rossi Land Cover Change in the Tamed Frontier: Iquitos, Peruvian Amazon
6:15 PM Cica Viana Land Cover Changes in a Region of Eastern Brazilian Amazon

6:30 PM Ron Smith Wrap Up