

Observing Earth From Space

Project Presentations - Thursday, 04 May 2017

9:00 AM	Xuhui Lee	Welcome and Review Presentation Guidelines
Ecology		
9:05 AM	Rachel Renne	Relating Climate Zones and Vegetation in the Sagebrush Region of the US
9:17 AM	Will Koh	NDVI Growing Season Analysis of Grazing Land on Currant Creek Ranch
9:29 AM	TC Chakraborty	Investigating associations between air and surface temp over North America
Techniques		
9:41 AM	Andrew Wilcox	Integrating high resolution images with the Landsat sensor
9:53 AM	Qingyang Chen	Building a classification algorithm that incorporates texture
10:05 AM	Luke Menard	Identifying grazing halos from a series of depth-corrected satellite images
10:17 AM	Cameron Yick	Day and Night: Land Use in Dubai by ISS Evening Photography and Landsat
10:29 AM	15 Minute Break	
Human Impacts		
10:41 AM	Hannah Walchak	Exploring Planet Labs: Boom and Bust at Lake Oroville Reservoir
10:53 AM	Katie McConnell	Analyzing land use effects of New Zealand's emissions trading scheme
11:05 AM	Rose Sulentic	EU membership impacts on the heat island effect in Cluj, Romania
Invasive Species		
11:17 AM	Aaron Lefland	Detecting gypsy moth defoliation in CT using remote sensing
Land Cover Changes		
11:29 AM	Joanne Choly	Change in vegetation and land use/land cover in the Mount Monadnock area
11:41 AM	Genora Givens	Land Use Change in Samoa
Health		
11:53 AM	Alyssa Parpia	Saharan air layer dust storms and Kawasaki disease in Latin America
12:05 PM	Lunch Break	
1:00 PM	Xuhui Lee	Welcome and Review Presentation Guidelines
Habitat		
1:05 PM	Qiyang Kuang	Explore changes in Panda habitat over time
1:17 PM	Juliana Hanle	Track thick-billed murre habitat change on Prince Leopold and Bylot Islands
Forestry		
1:29 PM	Holden Leslie-Bole	Deforestation in the lowlands of eastern Bolivia
1:41 PM	Ben Rifkin	Forest change due to increased rates of deforestation in SW Madagascar
1:53 PM	Mitchell Weldon	Investigation of Sentinel-2 for distinguishing conifer species in the Catlins
Agriculture		
2:05 PM	Nina Lagpacan	Rangeland conversion to cropland in MT
2:17 PM	Sophie Ruehr	Agricultural impacts of the Moroccan Green Plan
Climate		
2:29 PM	Dimitri Diagne	Interannual variation in the surface area of a Sahelian Lake
2:41 PM	Khalid Cannon	Climate change impacts around Newtok, Alaska
2:53 PM	Ajit Rajiva	Temperature and vegetation changes in West India
3:05 PM	Megan Mikenas	Coral Bleaching
3:17 PM	Xuhui Lee - Course Wrap Up	