



# WESTON ROUNDTABLE SERIES



**Thursday, March 16, 2017**

**1163 Mechanical Engineering**  
1513 University Avenue  
4:15 - 5:15 PM  
coffee, tea and cookies at 4:00 PM

***Tropical Agriculture Mapping Through the Clouds, in the Cloud***

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Research Scientist  
Descartes Labs

Remote sensing has long been a tool for Earth scientists. Recent availability of free government imagery, big data analysis tools, and cloud computing has generated a geospatial revolution. At Descartes Labs, a team has assembled all satellite imagery from USGS, NASA, ESA, and private sector data, and has analyzed over 2.8 quadrillion pixels of imagery. This presentation will show how our imagery and platform can be leveraged to map rice paddy extent and management in the Mekong River delta. Specifically, this analysis illustrates the utility of synthetic aperture radar data (SAR) for mapping tropical land cover and use.



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