



International Center for Innovation in
Geospatial Analytics & Earth Observation



DEPARTMENT OF
GEOGRAPHICAL
SCIENCES

Satellite-Enabled Earth Observation and Digital Solutions for Agriculture Seminar Series

October 14–17, 2025 – **Online**, hosted at University of Maryland, College Park

Join the meeting using this link
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<https://shorturl.at/znnOL>



Time EST	October 14th	October 15th	October 16th	October 17th
09:00 10:00	Remote Sensing for Agriculture <i>Dr. Allison Bredder</i>	Agriculture Under Climate Change <i>Leonid Shumilo</i>	Wheat Area Mapping <i>Dr. Christian Abys</i>	HarvestSTAT: Subnational Yield Data Collection <i>Dr. Michael M. Foley</i>
10:00 10:30	Break	Break	Break	Break
10:30 11:15	Digital Agriculture & Food Security <i>Dr. Molly Brown</i>	Next-Generation Drought Monitoring <i>Dr. Markus Enenkel</i>	Satellite-based yield Estimation <i>Dr. Natacha Kalecinski</i>	Deep Learning and Digital Agriculture <i>Jordan Caraballo-Vega</i>
11:15 12:00	Digital Agriculture Solutions <i>Mario Kunz</i>	Remote Sensing for Irrigated Land <i>Sheila Baber</i>	Modeling Agricultural Ecosystem Fluxes Using Remote Sensing <i>Dr. Arthur Endsley</i>	Cropland Area Estimation <i>Dr. Sergii Skakun</i>