



Eyes From the Sky: Remote Sensing

David Lutz

Assistant Professor,
School of Arts and Sciences
Colby-Sawyer College



Remote Sensing has grown tremendously with the advent of improved drone and satellite technologies, enabling unprecedented views of the earth. The data contributes to the scientific understanding of important changes on our planet, whether due to climate changes and conditions, or human activities, such as illegal mining. Dr. Lutz will share his research and experiences in the field, including the use of remote sensing to detect gold mining in the Amazon.

Wednesday, October 9
Doors open at 5 PM
Presentation begins at 6 PM
Galligan's Pub

As always, advanced registration is necessary.
Participation in Science Pub requires an active AIL Membership.



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Prior to joining the CSC faculty in 2023, Dr. Lutz was a research assistant professor at Dartmouth College. He holds a B.S. in Biology from Wake Forest University and an M.S. and Ph.D. in Environmental Sciences from the University of Virginia.

Dr. Lutz has focused his research on the use of satellite imagery, computer models and sensor networks to understand forest ecosystems and environmental change. He has led numerous grants investigating regions throughout forests around the world.

He teaches courses in Environmental Science, GIS and Remote Sensing, and Environmental Chemistry. His research has been funded by NASA, the U.S. Forest Service, the National Park Service, the National Science Foundation, and several foundations.

Dr. Lutz has also served as a panelist for NASA's Terrestrial Ecology, Ocean Biology and Biogeochemistry, and Land Cover Land Use Change.

Dave enjoys going on walks and hikes with his wife, Kate, and their two dogs, Waffle and Tugboat. He is an avid gardener, basketball official, and has seen over 50 Phish concerts.