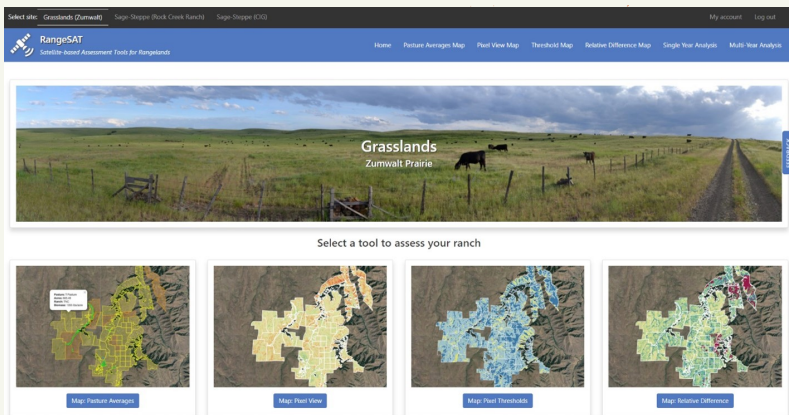


Advances in Remote Sensing-based Products and Tools for Rangeland Management, Monitoring, and Planning

Virtual Seminar Presents:



<https://arizona.zoom.us/j/81369009110> Password: 8345

HARNESSING SATELLITES FOR RANGELAND VEGETATION MONITORING ON THE PACIFIC NORTHWEST BUNCHGRASS PRAIRIE AND BEYOND: THE RANGESAT STORY

DECEMBER

2

1:00-2:00 PM AZ

Presenter :

*Vincent Jansen-
Research Fellow*

*University of Idaho
Dept of Forest,
Rangeland, and
Fire Sciences*

- Using the Landsat data record going back to 1984 and site specific aboveground biomass models, RangeSAT provides end users maps and graphs of vegetation biomass (and NDVI) over time specific to their ranch or management area.
- RangeSAT provides tools that enable users to map estimates of their aboveground biomass at a single date in time and map changes in biomass between two dates. RangeSAT also provides pasture scale mapping and graphing tools to help efficiently summarize and visualize vegetation dynamics within a select year or across multiple years. Users also can display climate variables alongside graphs of vegetation throughout a growing season.
- RangeSAT is an ongoing project being developed at the University of Idaho, in collaboration with The Nature Conservancy, local ranchers, and the U.S Bureau of Land Management. Funding has been provided by The Natural Resources Conservation Service (NRCS), the Northwest Climate Hub and The Nature Conservancy.
- <https://www.rangesat.org/>

Future Seminars

FALL 2021

<https://arizona.zoom.us/j/81369009110> Password: 8345

DECEMBER 16, 2021

Leslie Roche- University of California Davis, Associate Professor of Cooperative Extension in Rangeland Management Department of Plant Sciences

Yufang Jin- University of California Davis, Professor of Remote Sensing and Ecosystem Change Department of Land, Air, and Water Resources

Seminar-Remote sensing-based decision support system for climate resilient ranches and rangelands in California

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