

## Outreach Notice – Remote Sensing Postdoctoral Researcher(s)

US Forest Service Rocky Mountain Research Station

Location: Ogden, UT or Corvallis, OR (virtual ok for 2021)

Salary: \$52,000-77,000, depending upon experience and qualifications

Required: Awarded PhD in Forestry, Geography, Ecology or related field

### Summary

The Laboratory for Application of Remote Sensing in Ecology (LARSE) is looking for one or two postdoctoral researchers to conduct research on one or more of the following topics:

- Forest structure measurement supporting habitat and/or carbon assessment using GEDI, a NASA spaceborne lidar instrument;
- Sensor fusion and forest change detection, focusing particularly on the use of high spatial and temporal resolution imagery;
- Use of Landsat time series analysis to map land use and land cover change, including changes outside of forests;
- Forest albedo and measurement of radiative forcing.

### Desired skills

- Expertise manipulating remote sensing data, including optical, lidar, and radar sensors
- Writing research papers
- Experience with Google Earth Engine
- Statistical analysis and programming
- Time series analysis

To apply: Send a CV and cover letter to Dr. Sean Healey ([sean.healey@usda.gov](mailto:sean.healey@usda.gov)). The cover letter should address credentials and research interests in relation to the topics and skills listed above.

Transcripts and references will be requested of qualified applicants. Positions open until filled following initial review that begins March 17, 2021.

<https://www.fs.usda.gov/rmrs/people/seanhealey>

<https://www.fs.usda.gov/rmrs/groups/larse>

