

Part-Time Technical Analysts, Fire Ecology, Utah State University, Logan Utah

The Utah Forest Institute at Utah State University is seeking part-time technical analysts to start on or after July 1, 2018. Applications will be reviewed upon receipt, with review continuing until the positions are filled.

Responsibilities

The people hired for this position will conduct geospatial analysis for the Utah Forest Institute reporting to the Director, Utah Forest Institute and taking day-to-day direction from the Senior Technical Analyst. Responsibilities will include:

- Generating Landsat-derived fire severity maps for fires ≥ 40 ha in the state of Utah and training others to help with this work.
- Maintaining clear and complete records of data processing.
- Managing of ancillary data in MySQL databases running on the Amazon.com commercial cloud.
- Updating and maintaining the project website.
- Preparing summary statistics and analyses from remote sensing and numeric data.

Each person hired will arrange with their manager a flexible but regular work schedule of between 10 and 30 hours per week. This is an ACA variable position; work hours will not exceed 30 hours per week from all USU employment. The Utah Forest Institute is housed in the S.J. & Jessie E. Quinney College of Natural Resources at Utah State University.

Compensation

Hourly compensation is from \$10/hour to \$20/hour depending on experience.

Required qualifications

Two years of higher education in natural sciences, physical sciences, math, or engineering. Experience with ESRI software.

Desired qualifications

BS in natural sciences, physical sciences, math, or engineering.
Experience with R, ESRI, MySQL, Dreamweaver, and Amazon.com cloud services.
Experience with pre-fire and post-fire vegetation and fuels sampling.