



# Outreach Notice

**POSITION:** Spatial Wildfire Analyst  
**OFFICE LOCATION:** Missoula, Montana (remote office considered)  
**TYPE OF EMPLOYMENT:** Part to full time (20-40 hours per week)  
**WORK SCHEDULE:** Year-round, flexible (daily core hours)

Pyrologix is identifying potential candidates for a Spatial Wildfire Analyst position.

## POSITION DESCRIPTION

The Spatial Wildfire Analyst performs spatial analysis of wildfire hazard and risk as a function of fuel, weather, topography, ignitions, suppression, and the location and susceptibility of valued resources and assets. The analyst performs these duties at the direction of a Program Manager or the Principal Wildfire Analyst. In some cases the analyst will work independently on a project; in others, several analysts may coordinate their work to complete a particular task or project.

The Spatial Wildfire Analyst position requires an array of knowledge, skills and abilities. Beyond the technical requirements, the analyst must be able to communicate effectively, both orally and in writing, with fellow analysts, colleagues, government scientists/researchers, business partners, clients, contracting officers, and others.

This is an office job. Most work is performed while at a desk working on a computer. Travel may be necessary, but not often.

## DESIRABLE KNOWLEDGE, EXPERIENCE, SKILLS, AND ABILITIES

**KNOWLEDGE/EXPERIENCE:** The Spatial Wildfire Analyst position relies on knowledge of and experience with an array of software and data, including: ArcGIS, Spatial Analyst, Python, 'R', ArcPy, NumPy, FlamMap, Fsim, FSPro, WindNinja, LFTFC (ToFuΔ), WFDSS, IFTDSS, Nexus, BehavePlus, Excel, LANDFIRE data and methods, MODIS, MTBS, VIIRS, RAVG, and SDI/PCL. The analyst should be familiar with operational fire behavior modeling as it is currently conducted in the United States (that is, modeling based on Rothermel's model with standard or custom fuel models, with canopy fuel characteristics in forest settings).

**SKILLS/ABILITIES:** The Spatial Wildfire Analyst position relies on an array of skills and abilities, including: technical writing, Python scripting, coding in 'R', public speaking, receiving guidance from others, and offering guidance to others. Clear and concise technical writing is essential. Above all else, the Spatial Wildfire Analyst must be highly proficient in the performance of spatial analysis with ArcGIS.

## SALARY

Commensurate with education, experience, knowledge, skills, and abilities.

## ABOUT PYROLOGIX

Pyrologix is a wildfire threat assessment research firm providing specialized wildland fire science and management services to federal, state, and local governments, as well as to private companies. Pyrologix was founded in 2004 by Joe H. Scott. We offer services that include wildland fuel mapping, fire growth and behavior simulation, and landscape-scale wildfire hazard and risk assessment and management. Please visit [pyrologix.com](http://pyrologix.com) for more information.

## FOR MORE INFORMATION

To express interest in this position, please send your resume or CV with a cover letter to [outreach@pyrologix.com](mailto:outreach@pyrologix.com). You may not receive an immediate reply.



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[www.pyrologix.com](http://www.pyrologix.com)