

The Earth Sciences Division at NASA's Goddard Space Flight Center is seeking a scientist for the following a civil servant position:

Research Physical Scientist (Aerosol Remote Sensing)

NASA seeks an outstanding scientist to lead [AERONET](#), an international ground-based remote sensing network, to study the impact of aerosols in the Earth system and contribute to the calibration and validation of satellite sensors. The successful candidate will maintain and extend the AERONET data record, working closely with scientists in the Biospheric Sciences Laboratory to design and implement field campaigns, maintain instrument calibration, and collaborate on interdisciplinary research. The successful candidate will also design, coordinate, and conduct interdisciplinary research on aerosol sources, such as fires, atmospheric impacts of aerosols on radiation and climate, and remote consequences of diffuse light and nutrient redistribution on vegetation productivity. Other priorities for future research include, but are not limited to, studies of: aerosol properties (optical, radiative, and microphysical), aerosol impacts on atmospheric composition and chemistry, and aerosol contributions to land and ocean processes, including aerosol deposition on snow and ice. Candidates with a background in any aspect of aerosol remote sensing are welcome.

The above position is intended for civil servant hiring for U.S. citizens and will be advertised at the GS-13, GS-14, and GS-15 levels. A Ph.D. in Earth sciences or related discipline is preferred. A full vacancy announcement will be posted shortly to <https://www.usajobs.gov/>, including further details about the position, qualification requirements, and application instructions. NASA GSFC is an Equal Opportunity Employer.