The Earth Sciences Division at NASA’s Goddard Space Flight Center is seeking to hire two (2!) civil servant scientists to lead AERONET:

**Research AST Earth Sciences Remote Sensing**

NASA seeks two outstanding scientists to lead [AERONET](https://nam02.safelinks.protection.outlook.com/?url=https%3A%2F%2Faeronet.gsfc.nasa.gov%2F&data=04%7C01%7Cmzawoysky%40whoi.edu%7C8cbcdcd126aa4c3cf78008d9f090e77d%7Cd44c5cc6d18c46cc8abd4fdf5b6e5944%7C0%7C0%7C637805327419438238%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=FhthtQZhhoJkMCycR8f3fZEQkvKXB3Cj9cvQYwhb%2FyI%3D&reserved=0), 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:

1.      **AERONET Technical Lead**, with primary responsibility for the day-to-day operations of the network, and

2.      **AERONET Science Lead**, with primary responsibility for engagement with current and future missions and other ground networks to advance our understanding of aerosols in the Earth system.

These two positions will be advertised at the GS-14 and GS-15 level in a nation-wide search for the pair of scientists who will help guide AERONET into its next decades of data collection and groundbreaking science.  Now is the time to join NASA on the eve of the golden age of satellite missions for the study of aerosols and atmospheric chemistry: PACE, GEOCARB, AOS, GeoXO, and other international and commercial sensor networks.

The successful candidates 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 candidates 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 encouraged to apply.

The above positions are intended for civil servant hiring for U.S. citizens and will be advertised at the 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/](https://nam02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.usajobs.gov%2F&data=04%7C01%7Cmzawoysky%40whoi.edu%7C8cbcdcd126aa4c3cf78008d9f090e77d%7Cd44c5cc6d18c46cc8abd4fdf5b6e5944%7C0%7C0%7C637805327419438238%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=LKVxEUgewBH1SEzis3Ge9%2Bpkw4%2Fvbh4eInRCZXbkln4%3D&reserved=0), including further details about the position, qualification requirements, and application instructions.

NASA GSFC is an Equal Opportunity Employer.

Douglas C. Morton, Ph.D.

Chief, Biospheric Sciences Laboratory

NASA Goddard Space Flight Center

Office: (301) 614-6688

Cell: 301-256-6183