



United States Department of Agriculture

## Agricultural Research Service

**Supervisory Research Microbiologist/Ecologist/Soil Scientist/Hydrologist**  
**GS-0403/0408/0470/1315-14/15**  
**Salary Range of \$117,022.00 to \$178,941.00 Per Year**

**Announcement Open: August 14, 2023, through September 13, 2023**

The U.S. Department of Agriculture, Agricultural Research Service, Agroecosystems Management Research Unit at the National Laboratory for Agriculture and the Environment (NLAE) located on the campus of Iowa State University in Ames, Iowa, is seeking a Supervisory Research Microbiologist/Ecologist/Soil Scientist/Hydrologist (Research Leader). The Research Unit's mission is to quantify the complex interactions between soils, crops, and animals in order to develop solutions that increase the efficiency and resiliency of production systems and decrease the detrimental environmental impacts at the field, farm, and watershed scale. The mission of the laboratory is to develop solutions for complex problems on agricultural systems and the environment. The incumbent's personal and team research investigates aspects of soil/sediment, nutrients, soil microbiome/ecosystem dynamics, water quality, and/or emerging contaminants affecting soil and water quality of the region's terrestrial and aquatic environments; and, how conservation practices can benefit relationships between nutrient use efficiency, water quality, soil health, crop production, and associated ecosystem benefits under a changing climate. As Research Leader, the incumbent is responsible for the following: maintaining and enhancing the creativity and productivity of the unit; managing the human, fiscal, and physical resources assigned to the unit; providing technical information and consultation, both internal and external to ARS; and ensuring the proper interpretation and reporting of scientific research results and information. More information on NLAE mission can be found at [National Laboratory for Agriculture and The Environment : USDA ARS](#).

For further information and complete application instructions, search for announcement ARS-D23MWA-12056011-ELA at <https://www.usajobs.gov/>

**U.S. Citizenship is required.**

Applications must be received by the closing date of **September 13, 2023**

Scientific information: Dr. Thanos Papanicolaou, NLAE Director at  
[thanos.papanicolaou@usda.gov](mailto:thanos.papanicolaou@usda.gov)  
515-294-5723

**The USDA is an Equal Opportunity Provider and Employer.**