



Postdoctoral Associate Position

Microbial Biodiversity in Trans-Atlantic Dust Plumes

Position Description: We invite applications for a three-year NASA funded postdoctoral research position in a multi-institutional and highly interdisciplinary research project. The project goal is to integrate multiplatform satellite and ground observations, as well as multiscale reanalysis and atmospheric simulation data with microbiological tools to bridge dust aerosols transport and microbial biodiversity in the atmosphere. This position will be within the Department of Civil and Environmental Engineering at Virginia Tech (Blacksburg, VA), while it offers the opportunity to work closely with scientists at the School of Plant and Environmental Sciences and Aerospace and Ocean Engineering at Virginia Tech, as well as the United States Geological Survey and the University of La Laguna, the Canary Islands, Spain. For this Postdoctoral Associate position, we seek highly motivated applicants with skills and background in *aerosol remote sensing and modeling* relevant to long-range transport of dust, and interest in working across disciplines to bridge aerosol remote sensing and aerobiology.

Desired Qualifications: An earned doctorate degree in a relevant discipline, a track record of publications in the field of (dust) aerosol remote sensing and modeling, strong communication skills, and a demonstrated ability to work productively in a fast-paced, collaborative, and multidisciplinary environment.

Salary Information: Commensurate with experience.

Review Date: Applications will be reviewed as they are received until the position is filled. For full consideration, the application must be received by September 21, 2020. Our goal is to fill this position by October 15, 2020.

How to Apply: Please send one PDF file including 1) a letter of application describing your background and interest, 2) a current CV, and 3) the name and contact information of three references to Hosein Foroutan (hosein@vt.edu).

More information: For all the Inquiries please contact Hosein Foroutan, Department of Civil and Environmental Engineering, Virginia Tech, email: hosein@vt.edu, phone: (540) 232-8400, website: <https://www.airflows.cce.vt.edu>