Dr. Jennifer Saleem Arrigo

Office of Science
Office of Biological and Environmental Research
Earth and Environmental Systems Sciences Division
SC-33.1/Germantown Building
U.S. Department of Energy
1000 Independence Avenue, SW
Washington, D.C. 20585-1290
e-mail: Jennifer.arrigo@science.doe.gov
Phone: (301) 903-3120 (O) 202-450-8657 (C)
https://ess.science.energy.gov/

Dr. Jennifer Arrigo is a Program Manager for the Environmental System Sciences (ESS) program in the Earth and Environmental Systems Sciences Division of the Office of Biological and Environmental Research within the U.S. Department of Energy's (DOE) Office of Science (SC). As part of the ESS team, she co-manages a portfolio of university and national laboratory research projects aimed at improving predictive understanding of terrestrial systems and their interdependent biological, chemical, ecological, hydrological, and physical processes. Within ESS, Jennifer's responsibilities include projects focused on integrated watershed science and modeling, hydro-biogeochemistry, and the AmeriFlux Network. Jennifer is engaged in several interagency activities such as the U.S. Global Climate Research Program (USGCRP) Integrated Water Cycle and Coastal interagency working groups, and is the principal representative for DOE to the Interagency Working Group on Ocean Acidification (IWG-OA) under the NSTC Subcommittee on Ocean Science and Technology. She joined DOE in 2020 after serving as the Science and Water Cycle Staff Lead at the USGCRP's National Coordination Office, and previously spent several years as a program manager, education and outreach lead, and deputy director of the non-profit Consortium of Universities for the Advancement of Hydrologic Sciences (CUAHSI), which supported community science and developed shared research resources and infrastructure for the U.S. water science research community. Dr. Arrigo received her Ph.D. in geography from Boston University in 2005 and was an assistant professor of Geography/Atmospheric Science at East Carolina University from 2006 – 2011, where she helped develop an undergraduate Atmospheric Science degree program. Her past research focused on soil moisture controls on water balance partitioning and land-atmosphere interactions and developing metrics and indicators of climate and hydro-meteorologic change, and she has worked extensively on topics such as fostering open science, data-driven education, and developing community data standards, services, and models. She is a member of the American Geophysical Union, the Geological Society of America and the American Meteorological Society. In her spare time, Jennifer enjoys hiking, camping, and other outdoor adventures with her family and their rescue dog Roxy, long bike rides, and good books.

September 2021