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Dr. Daniel Stover is a Program Manager and team leader for 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). He manages a portfolio of university and national laboratory research projects aimed at improving the representation of terrestrial ecosystems, integrated watersheds, and coastal systems and their processes in predictive Earth system models. Prior to co-managing the ESS program, Dan had responsibility for the Terrestrial Ecosystem Science program, which including the Next Generation Ecosystem Experiments (NGEE) Arctic and Tropics studies, the AmeriFlux Network, the manipulative field study SPRUCE, and other projects focused on belowground/soil ecology, biogeochemistry, as well as plant and disturbance ecology. In addition to his programmatic duties, Dan serves as the Senior Advisor for the DOE/SC's Office of Diversity, Inclusion, and Research Integrity which is focused on championing the improvement of SC's business practices related to diversity, equity, and inclusion. This also includes engagement and removing barriers that exist for minority serving institutions and underrepresented STEM groups within SC research opportunities. Dan is engaged in several interagency activities such as being DOE's alternate principal representative to the U.S. Global Climate Research Program (USGCRP), principal representative to DoD's Strategic Environmental Research and Development Program (SERDP), and vice chair for the Ecological Society of America's Soil Ecology Section. He joined DOE in 2010 after serving as the Director of the Earthwatch Institute's North America Regional Climate Center managing a research and education program focusing on climate change and sustainability. Dr. Stover received his Ph.D. in ecological sciences from Old Dominion University in 2007 and a MS in Environmental Plant Biology from West Virginia University. He received undergraduate degrees in Biology, Agriculture (environmental protection) and Ecosystem Dynamics from West Virginia University. His past research interests include the impacts of elevated atmospheric CO₂ on belowground ecosystems, the application of novel, non-destructive technologies to quantify root systems (e.g., ground-penetrating radar, minirhizotrons), biogeochemical cycling as well as wetland and coastal ecology. Dan has extensively worked at the Smithsonian's long-term (13 years) open-top CO₂ manipulation study at the DOE-funded Kennedy Space Center. He is a member of the Ecological Society of America, American Geophysical Union, and the International Association for Ecology. In his spare time, Dan enjoys traveling, ice hockey, and music.

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