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Dr. Daniel Stover is a Program Manager and team lead for the Environmental System Science (ESS) program in the Earth and Environmental Systems Sciences Division of the Biological and Environmental Research program 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. Dan has served several roles for DOE including as the acting Director for the Earth and Environmental Systems Sciences Division, Senior Advisor for the DOE/SC's Office of Scientific Workforce and Integrity, and co-organizing two strategic plans. 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 the Department of Defense's Strategic Environmental Research and Development Program (SERDP), and past chair for the Ecological Society of America's Soil Ecology Section and Section Council. 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 PhD 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 carbon dioxide (CO_2) 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 CO_2 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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