

Department of Energy Announces \$9 Million for Research on Environmental System Science

Announcement Number: DE-FOA-0003196

List Posted: 7/31/2024

Selection for award negotiations is not a commitment by DOE to issue an award or provide funding.

Principal Investigator	Title	Institution	City	State	ZIP Code
Crandall, Raelene	Disentangling fire legacies and climate to advance cross-scale Earth system models	University of Florida	Gainesville	FL	32611-5500
Dannenberg, Matthew	Tree Growth Legacies of Combined Soil and Atmospheric Drought across Climatic, Plant Trait, and Morphological Gradients in the United States	University of Iowa	Iowa City	IA	52242-1320
Harper, Anna	Compound impacts on forest carbon uptake and storage from wind, heat, and drought	University of Georgia	Athens	GA	30602-1589
Hoeksema, Jason	How do plant-associated microbes mediate vegetation shifts in response to interactive global change factors in P-limited dry forest systems?	University of Mississippi	University	MS	38677-1848
Keiser, Ashley	From rhizosphere to forest: Scaling shifts in plant-microbe interactions in infected eastern hemlocks to predict changes in ecosystem carbon and nitrogen cycling	University of Massachusetts Amherst	Amherst	MA	01003-9242
Li, Li	Unravelling patterns and processes of terrestrial and aquatic carbon fluxes under hydroclimate extremes	The Pennsylvania State University	University Park	PA	16802-7000
McNicol, Gavin	Effects of Yellow Cypress Decline on Coastal Temperate Rainforest Climate Interactions	University of Illinois	Chicago	IL	60612-7205
Powers, Jennifer	Synthesis of existing tropical root data: How do natural, episodic disturbances alter tropical forest carbon cycles via changes in belowground dynamics?	University of Minnesota	Minneapolis	MN	55455-2070
Treseder, Kathleen	The role of plant-mycorrhizal relationships in forest loss following wildfire	University of California, Irvine	Irvine	CA	92697-7600
Vivoni, Enrique	Woody Plant Encroachment and its Consequences on Subsurface Water Redistribution	Arizona State University	Tempe	AZ	85287-6011
Whitman, Thea	Effects of shifting temperate conifer forest vegetation regimes on above- and belowground carbon and nitrogen cycling	University of Wisconsin-Madison	Madison	WI	53715-1218
Wurzburger, Nina	Incorporating ericoid mycorrhizal shrubs into biogeochemical models	University of Georgia	Athens	GA	30602-1589