

ESTC & EastFIRE Lab Special Seminar on U.S. Geological Survey (USGS) Carbon and Wildland Fire Science Programs

USGS Speakers

Dr. Zhiliang Zhu

Project Chief, Biological Carbon
Sequestration Assessment

Dr. Matthew G. Rollins

Wildland Fire Science Coordinator



USGS National Center, Reston, Virginia

Time: Feb. 2, 2012, Thur., 11:00 AM - 12:30 PM

Location: Showcase, Research (I) Hall

Please join Drs. Zhu and Rollins as they discuss the growing role of USGS the areas of Carbon science and Wildland Fire science. Zhu and Rollins both bring a strong remote sensing technology background to their current National science leadership roles.

Dr. Zhu will focus his talk on: *An assessment of baseline and projected future carbon storage and greenhouse gas fluxes in the United States.* Scientists at the U.S. Geological Survey (USGS) are working to assess both the potential capacities and the potential limitations of the various forms of carbon sequestration and to evaluate their geologic, hydrologic, and ecological consequences.

Dr. Rollins will focus his talk on *Wildland Fire Science in the USGS.* USGS conducts fundamental scientific research into ecosystem response to fire, the effects of fire on soil and water, and the role of fire as a mediator between climate and landscape composition, structure, and function.

