



Research Funding Opportunity

Program Title	Environmental Remediation Science Program
Solicitation/RFP Code	DE-PS02-09ER09-07
Funding Organization(s)	DOE – Office of Science
Funding Amount(s)	\$250,000 - \$450,000/yr – 15-20 awards expected in FY2010 totaling \$4 million. Renewal funding in years 2 and 3 contingent upon funding availability
Application Deadline(s)	April 9, 2009
Program Summary	
<p>DOE seeks to understand, predict, and mitigate the impacts of contamination from past nuclear weapons production and provide a basis for the long term stewardship of nuclear waste disposal.</p> <p>The program supports research ranging from molecular to field scales with emphasis on the use of advanced computer models and multidisciplinary, iterative experimentation to understand and predict contaminant transport in complex subsurface environments.</p> <p>The goal of this solicitation is to support innovative, fundamental research to investigate the coupled physical, chemical, and biological processes affecting the transport of subsurface contaminants commonly found at DOE sites. Applications should identify critical knowledge gaps and address hypothesis-driven research to better understand the significant physical, chemical, and biological processes influencing the form and mobility of specific inorganic contaminants in the subsurface. The specific contaminants of concern are for this funding opportunity are:</p> <ul style="list-style-type: none">• Radionuclides: uranium, technetium-99, strontium-90, plutonium, cesium-137, iodine-129, and neptunium-237.• Non-Radioactive Metals: mercury and chromium(VI)• Nitrate and complexing agents as co-contaminants with the listed radionuclides or non-radioactive metals. <p>Phytoremediation, non-aqueous phase liquids, and the study of organic contaminants are NOT the focus of this funding opportunity</p> <p><u>ELIGIBILITY NOTE:</u> Researchers from Federally Funded Research and Development Centers (FFRDCs) or DOE National Laboratories are not eligible to respond to this notice.</p> <p>Program contact: Lori Jernigan 301-903-5212</p> <p>Full application URL: FOA Notice_09-07.pdf</p>	