CHEMICAL AND GEOTECHNICAL ANALYSES OF ENVIRONMENTAL SAMPLES
Suggested by Christa A. Querbach, GISP, Denver, CO.
Contract Opportunities on Beta.Sam.gov, Solicitation 693313R000250, 2019
This is the opening for a small business set-aside under NAICS 541380 (Testing Laboratories). The U.S. Environmental Protection Agency Funding Opportunity (EFOP) is to conduct various types of scientific projects with DoD and other governmental agencies throughout the continental United States and other countries under the USEPA USEPA Geotechnical and Geological (GGC) program. The USEPA GGC program conducts various types of environmental remediation and research activities for federal, state, and local governments. The USEPA GGC program is a multi-functional program that focuses on identifying and assessing the environmental impacts of human activities, developing and implementing remediation technologies, and providing technical assistance to reduce environmental impacts.

IMPLICATIONS OF METAL LEACHING FROM RECLAIMED EDGAR - A CASE STUDY
Shu-Jen Su, University of South Carolina, Columbia, SC.
The Louisiana Clean Water Act (LCWA) requires that water quality be maintained at or above designated beneficial use criteria. LCWA criteria are based on water quality standards established by the U.S. Environmental Protection Agency (EPA) and state agencies.

EFFICIENCY OF PERFORATED RIVER SEDIMENTS CATHODES: THERMAL DEGRADATION AND那個
Y. Wang, University of South Carolina, Columbia, SC.
This study investigated the efficiency of perforated river sediments as cathodes for the thermal degradation of chlorinated solvents in the remediation of groundwater contaminated with chlorinated solvents. The cathodes were fabricated from river sediments containing high concentrations of chloride and chlorinated solvents.

INVESTIGATION OF PERFLUOROALKYL ACIDS IN TAIHU LAKE: OCCURRENCE, TRANSPORT AND ENVIRONMENTAL RISK ASSESSMENT
S. Y. Wang, University of South Carolina, Columbia, SC.
This study investigated the occurrence, transport, and environmental risk assessment of perfluorinated alkyl substances (PFASs) in Taihu Lake, China. The study focused on the occurrence and fate of PFASs in Taihu Lake, including water, sediments, and biota.

SYNTHESIS, CHARACTERIZATION, AND FIELD EVALUATION OF NOVEL CELLULOSE NANOCRYSTALS-BASED MATERIALS TO MONITOR HYDROCARBON AND BACTERIA IN GROUNDWATER
S. Y. Wang, University of South Carolina, Columbia, SC.
The project will synthesize and characterize novel cellulose nanocrystals-based materials and evaluate their potential for monitoring hydrocarbons and bacteria in groundwater.

CLEANUP NEWS
IMPLEMENTATION AND PERFORMANCE OF THERMALLY-ENHANCED BIODERMINATION FOR TARGETED DNAPL SOURCE TREATMENT
S. Y. Wang, University of South Carolina, Columbia, SC.
The project will investigate the implementation and performance of thermally-enhanced bioremediation for targeted DNAPL source treatment in groundwater.

BIOLOGICAL AND CHEMICAL ANALYSES OF ENVIRONMENTAL SAMPLES
S. Y. Wang, University of South Carolina, Columbia, SC.
The project will conduct biological and chemical analyses of environmental samples to assess the impact of various contaminants on the environment.

CHEMICAL AND GEOTECHNICAL ANALYSES OF ENVIRONMENTAL SAMPLES
S. Y. Wang, University of South Carolina, Columbia, SC.
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The Technology Innovation News Survey welcomes your comments and suggestions, as well as information about errors for correction. Please contact Michael Adam of the U.S. EPA Office of Superfund Remediation and Technology Innovation at (703) 603-9915 with any comments, suggestions, or corrections.