

Research Scientist – Environmental Remediation -
530514

Florida International University

Direct Link: <https://www.AcademicKeys.com/r?job=230077>

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Posted Feb. 2, 2024, set to expire Jun. 3, 2024

Job Title	Research Scientist – Environmental Remediation - 530514
Department	Applied Research Center (FIU-ARC)
Institution	Florida International University Miami, Florida
Date Posted	Feb. 2, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Environmental Sciences/Ecology/Forestry
Apply Online Here	http://careers.fiu.edu
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Job Description	

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Florida International University is classified by Carnegie as a R1: Doctoral Universities - Highest Research Activity and recognized as a Carnegie engaged university. It is a public research university with [colleges and schools](#) that offers 196 [bachelor's, master's and doctoral](#) programs in fields such as engineering, computer science, international relations, architecture, law and medicine. As one of South Florida's anchor institutions, FIU contributes almost \$9 billion each year to the local economy. FIU is Worlds Ahead in finding solutions to the most challenging problems of our time. FIU emphasizes research as a major component of its mission. FIU has awarded more than 220,000 degrees and enrolls more than 54,000 students in two campuses and three centers including FIU Downtown on Brickell, FIU@I-75, and the Miami Beach Urban Studios. [FIU's Medina Aquarius Program](#) houses the Aquarius Reef Base, a unique underwater research facility in the Florida Keys. FIU also supports artistic and cultural engagement through its three museums: [Patricia & Phillip Frost Art Museum](#), the [Wolfsonian-FIU](#), and the [Jewish Museum of Florida-FIU](#). FIU is a member of [Conference USA](#) and more than 400 student-athletes participating in 18 sports. For more information about FIU, visit <http://www.fiu.edu/>.

Research Scientist – Environmental Remediation - 530514

Job Summary:

Provides direct research support to the Soil & Groundwater team at the Florida International University's Applied Research Center (FIU-ARC). This role encompasses technology innovation, development, evaluation and deployment of technologies aligning with the U.S. Department of Energy's Office of Environmental Management (DOE-EM) environmental remediation of contaminated sites. Engages in research on projects focused on the remediation of sites contaminated with heavy metals, radionuclides.

- Leads the management, coordination, control of assigned subtask, oversee research activities, and maintaining effective communication with collaborators, project manager and PI;
- Formulates and implements methodologies for conducting laboratory scale experiments aimed to remediate heavy metals and radionuclides-contaminated soil, groundwater and, surface water including substances like mercury, PFAS, uranium, technetium etc.
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Leads or contributes to proposal development efforts with a budget exceeding of \$250,000 annually.

- Publishes in peer- reviewed journals and conference proceedings and present research findings at the national level to elevate the scientific stature of the Applied Research Center (ARC);
- Establishes methodologies and guidelines for sample preparation and analysis using advanced analytical instruments such as DMA (mercury analyzer), ICP-MS, HPLC, ICP-OES, IC and, MC be able to analyze and summarize data.
- Performs geochemical speciation modeling utilizing software tools like Geochemist Workbench, Visual MINTEQ etc. and interpret data.
- Ability to test, evaluate, and deploy treatment technologies in field conditions.
- Manages and provides leadership for technical support in the designated area of expertise for research endeavors.
- Trains, supervises, and mentors undergraduate and graduate students involved in the research. Works effectively in a multidisciplinary team environment.
- Manages and provides leadership for technical support in the designated area of expertise for research endeavors.

Minimum Qualifications:

Doctoral degree and one (1) year of relevant experience. Must have a PhD or proof of degree by hire date.

Desired Qualifications:

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Experience interpreting and working with environmental and geochemistry data, solids characterization.

- Experience with proposal development and identifying funding opportunities.
- Ph.D. in civil/environmental engineering, environmental science, chemistry or related discipline with strong background and experience in environmental chemistry, as well as publications in peer-reviewed journals.

Job Category:

Administrative

Advertised Salary:

\$80,000 - \$85,000

Working Condition(s):

Laboratory Work

Pre-Employment Requirements:

Criminal Background Check

Other Information:

- Ability to travel locally and nationally.
- Ability to travel internationally.
- This is a Time-Limited appointment which may be terminated at any time with 30 days' notice.

For further information or to apply, please visit careers.fiu.edu and reference Job Opening ID # **530514**

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Clery Notice

In compliance with the [Jeanne Clery Disclosure of Campus Security Policy and Crime Statistics Act](#), the University Police department at Florida International University provides information on crimes statistics, crime prevention, law enforcement, crime reporting, and other related issues for the past three (3) calendar years. The FIU Annual Security report is available online at: <https://police.fiu.edu/download/annual-security-fire-safety-report/>.

To obtain a paper copy of the report, please visit the FIU Police Department located at 885 SW 109th Avenue, Miami, FL, 33199 (PG5 Market Station).

Pay Transparency

Florida International University will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. However, employees who have access to the compensation information of other employees or applicants as a part of their essential job functions cannot disclose the pay of other employees or applicants to individuals who do not otherwise have access to compensation information, unless the disclosure is (a) in response to a formal complaint or charge, (b) in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or (c) consistent with the contractor's legal duty to furnish information.

FIU is a member of the State University System of Florida and an Equal Opportunity, Equal Access Affirmative Action Employer all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or protected veteran status.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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