

## Postdoctoral Researcher in Geochemistry

We seek a highly motivated and skilled Postdoctoral Researcher to join the IsoBioGeM Lab in the Department of Geology and Geography at West Virginia University. The successful candidate will work on modeling rock-fluid-gas interactions and transport mechanisms in subsurface systems using a combination of geochemistry and reactive transport modeling approaches.

The candidate will have a Ph.D. in geochemistry, earth sciences, environmental engineering, or a related field. They should have expertise in geochemical modeling, reactive transport modeling, and a strong understanding of rock-fluid-gas interactions and transport mechanisms in subsurface systems. The ideal candidate will have experience in geochemical modeling softwares such as GWB, PHREEQC, Tough family code (TOUGH2, TOUGH3, Itough, TOUGHREACT) or MOOSE, and programming skills in Python, MATLAB, etc. Candidate must demonstrate strong communication skills and a good publication record. The holder of this position will be a key associate of the WVU Institute for Sustainability and Energy Research and have immediate opportunities to collaborate with WVU's long-time partners at the Department of Energy's National Energy Technology Lab.

This is a full-time position with a competitive salary and benefits package. The postdoctoral researcher will have access to a wide range of resources, including shared research facilities, high-performance computing facilities, advanced research instrumentation, and a supportive research community. WVU is a R1 research land grant university located within 90 minutes of Pittsburgh and 3.5 hours from the Washington DC/Baltimore area. Morgantown has been recognized as one of the most livable small cities in the U.S. There are extensive recreational opportunities, excellent public schools, and a supportive University environment to develop a visible and productive career.

To apply, please visit [WVU Careers](#). Upload CV, research statement, unofficial transcripts, and a list of at least three references as a single PDF. The screening process will begin by August 15 and continue until the position is filled. For more information, please contact the chair of the search committee, Dr. Shikha Sharma at [shikha.sharma@mail.wvu.edu](mailto:shikha.sharma@mail.wvu.edu)

West Virginia University is an Equal Opportunity/Affirmative Action Employer and welcomes applications from all qualified individuals, including minorities, females, individuals with disabilities, and veterans.