

Postdoctoral position in Ottawa, Canada

A 2-yr postdoctoral position is available at Carleton University (Ottawa, Canada) for the study of Se mobility from coal mine waste rock. The position starting date will be in the Spring/Summer 2025.

The 2-year project will involve the analytical development of selenium (Se) isotope measurements in selenium species. Developed methods will then be applied to the study of Se isotope fractionation from different physicochemical processes occurring in coal waste rock, either through direct observation from natural samples, or through experiments.

The postdoctoral fellow will be working with Dr. Richard Amos and Dr. Hanika Rizo, and joining the Isotope Geochemistry and Geochronology Research Centre (IGGR) of Carleton University. The IGGR has a mineral separation laboratory, class 1000 clean rooms, a Neptune MC-ICP-MS, and a Triton TIMS. The PDF will have access to all IGGR laboratories, which are further supported by the university funded Lab Manager Dr. Shuangquan Zhang.

Interested candidates, feel free to contact Hanika Rizo (HanikaRizo@cunet.carleton.ca) for more information. Applicants should submit by January 15th 2025 a cover letter describing previous research experience, a CV, and 3 names of referees, to HanikaRizo@cunet.carleton.ca.