



The ***Nuclear Waste Management Organization (NWMO)*** is responsible for the safe, long-term management of used nuclear fuel in Canada. The approach it is implementing, known as Adaptive Phased Management (APM), involves developing a centralized underground repository, supported by a robust social and technical research program in collaboration with Canadian universities, consultants and international waste management organizations.

Join our growing team of scientists, engineers and other professionals to work collaboratively with Canadians in implementing our management approach in a manner that safeguards people and respects the environment, now and in the future.

GEOSCIENCE DATABASE ANALYST **(Fixed Term to December 2021)**

We are currently seeking a contract Geoscience Database Analyst to join our Geoscience Site Assessment group based at our Toronto headquarters.

Reporting to the Section Manager, Geoscientific Site Evaluations the incumbent will administer, maintain and provide technical support for NWMO's geoscientific data management system (GDMS). Key duties include: troubleshooting user's problems, writing SQL scripts and report queries; creating and editing data entry forms; importing data from diverse sources and performing quality control of data entered and archive data elements. In addition, the incumbent will liaison with I.T and external vendor support teams to ensure systems functionality, performance and usability.

Responsibilities:

1. Administer and maintain the NWMO's geoscientific data management system (GDMS) including backups, restores, data migrations.
2. Write optimized SQL scripts and report queries.
3. Review, evaluate and quality assure field investigation data entered.
4. Create and edit geoscientific data entry forms, importers and reports.
5. Analyze and report to the geoscience team on geoscience data relationships to assist in the visualization of the geology.
6. Provide user training and assistance with day-to-day GDMS use and troubleshooting.
7. Manage and revise GDMS user manuals and task instructions as needed.
8. Interface with the NWMO IT function and external vendor support teams to ensure systems functionality, performance and usability, as well as on-going assurance of data asset security and integrity.
9. Perform other duties as required.

Qualifications & Experience:

- A 4-year Bachelor's degree majoring in Science, Geographic Information System (GIS), Computer Information Systems (CIS), Management Information Systems (MIS)
- Professional experience working in a geoscientific field
- A period of over 2 years and up to and including 4 years experiencing in administering and maintaining SQL Servers
- Knowledge of natural sciences and the management of collected field data: i.e. borehole drilling and hydrogeological testing and other geoscientific site investigation methodologies
- Experience working with Windows server, including Active Directory
- Ability to create reports using SQL Server Reporting Services
- Ability to maintain SQL servers including: backups, restores, data migrations.
- Ability to work in procedurally regulated I.T. environment
- Excellent organization skills and attention to detail
- Demonstrated ability to work within a multi-disciplinary team
- Demonstrated ability to multitask in a high-pace environment
- Must be proactive and able to communicate effectively in both oral and written form

It is an asset to have experience with:

- AcQuire 2000 level certification
- Experience deploying an acQuire borehole logging program for a remote field site
- GEOSOFT DAP Server
- Microsoft certification
- SQL Server performance tuning including: Query optimization, Index and statistics maintenance, troubleshooting I/O bottlenecks and long waits

Must be eligible to work in Canada and must be able to meet security clearance requirements.

We offer competitive base salary and comprehensive benefits package.

The NWMO supports the principles and practices of diversity and is committed to providing a respectful, accessible, and inclusive environment for all persons with disabilities in a way that is respectful of the dignity and independence of people with disabilities and in a manner which takes into account the person's disability and embodies the principles of integration and equal opportunity. The NWMO will provide accommodation to applicants with disabilities. If you require accommodation, please **Contact Us**.

Please submit your application via e-mail by August 06, 2019 by quoting **Geoscience Database Analyst** to: Employment@nwmo.ca