



Job Posting

http://www.hr.ubc.ca/jobs/staff.php?job_id=27696

Job ID:	27696	
Location:	Vancouver - Point Grey Campus	
Employment Group:	Management&Professional (AAPS)	
Job Category:	Information Systems & Tech	
Classification Title:	Info.Sytems&Technlgy, Level C	
Business Title:	Manager, GIS and Data Systems	
VP/Faculty:	VP External Relations	
Department:	C+CP Development Services	
Salary Range:	\$64,402.00 (minimum) - \$77,314.00 (midpoint) - \$92,778.00 (maximum)	
Full/Part Time:	Full-Time	
Desired Start Date:	2017/11/06	
Job End Date:	2019/01/04	
Funding Type:	Budget Funded	
Other:	Leave Replacement	
Closing Date:	2017/10/10	Available Openings: 1

Guiding principle: "Midpoint" of the hiring salary range means the individual possesses full job knowledge, qualifications and experience.

Job Summary

Reporting to the Director of Planning, Development Services, the Manager, GIS and Data Systems will play a strategic role in overseeing and developing the Campus and Community Planning (C&CP) office's GIS resources and functions. Mapping and the use of GIS data and applications play an integral role in the planning and development work undertaken by our office. Spatial data is used for long range planning purposes, such as visualizing and tracking long term development of the UBC campus, as well as for communicating planning information and policies to the Board of Governors and the public. Our office is also a point of contact for spatial data required by operational departments, faculties and students. The Campus and Community Planning office plays an important role in GIS at UBC through the development and maintenance of key GIS data and resources that support the planning and development functions of our office as well as the broader use of GIS at an enterprise level.

The Manager, GIS and Data Systems will lead C&CP's use of GIS including providing strategic direction on key GIS data resources and applications(e.g. UBC's PlanMap System and Wayfinding Project; overseeing the mapping requirements of the office and providing technical expertise and support. The Manager, GIS and Data Systems will manage external consultants as well as internal staff on GIS projects and deliverables. Furthermore, the Manager, GIS and Data Systems will work with other UBC operational departments to develop data protocols and support the delivery of GIS at an enterprise level.



Organizational Status

This position reports to the Director of Planning, Development Services within the Campus and Community Planning office. The Manager, GIS and Data Systems will maintain working relationships with management in other UBC departments including UBC IT to support GIS at an enterprise level. The Manager, GIS and Data Systems will also contribute to and oversee projects involving other government authorities and external consultants.

Work Performed

- Provide strategic direction and oversight on key C&CP GIS data resources, projects and applications, including UBC's PlanMap System and Wayfinding Project.
- Manage and direct external consultants and C&CP staff on GIS projects and deliverables.
- Oversee the organization, ongoing maintenance and continued development of C&CP's GIS data and resources.
- Anticipate and facilitate the acquisition of data resources to meet evolving department strategic needs.
- Oversee the hiring of external consultants as required for GIS projects and services required by C&CP.
- Oversee project based cartography and map service / web map resources.
- Oversee spatial data organization/ retrieval and mapping/graphical presentations protocol for C&CP.
- Collaborate with other UBC departments to establish and enforce system-wide technical procedures for GIS development including data management and quality control.
- Manage a response protocol servicing internal and external data requests for C&CP.
- Provide ongoing maintenance and operational support for UBC GIS applications including PlanMap and Wayfindin.g
- Oversee spatial analysis.
- Participate in meetings and committees with other UBC departments to support the implementation of GIS at an enterprise level.
- Provide direction and conduct training and information seminars for staff on GIS projects and applications.
- Performs other related duties as required.

Supervision Received

Works with a high degree of independence under general direction of the Director of Planning, Development Services.

Supervision Given

May supervise several resource people and coordinate several issues at any one time. May manage the work of consultants. Will also coordinate efforts of department staff as required.

Consequence of Error/Judgement

The Manager, GIS and Data Systems is responsible for activities related to key University data resources and applications. Furthermore, mapping work provided by the Manager, GIS and Data Systems will support the planning activities undertaken by the C&CP office related to the use and development of UBC Campus Lands. The incumbent will influence the allocation of funding in certain areas of GIS and data work within project



budgets. Errors in this work can cause problems of a financial, legal or political / reputational nature, which in turn result in cost and time delays during resolution.

Qualifications

Undergraduate degree in a relevant discipline. Advanced Diploma in GIS preferred. Minimum of three years experience or the equivalent combination of education and experience. A minimum of 3 years of progressively responsible mapping and data management experience is required. Previous supervisory experience is preferred. - Proficient with ESRI ArcGIS software.

- Proficient with Adobe Illustrator.
- Knowledge of cartography and map design principle.
- Knowledge of scripting with Python and creating procedures/queries with SQL.
- Knowledge of Postgres/Oracle databases and their relationship to ESRI ArcSDE geo database.
- Familiarity with GIS databases and Spatial Database Engine (SDE).
- Proficient with ArcGIS Server.
- Experience developing Map Services for web mapping applications.
- Experience in developing and maintaining GIS data.
- Experience in analysing spatial data in a municipal environment and translating into appropriate GIS reports and thematic map.
- Experience in project management.
- Excellent verbal / written communication skills.
- Effective writing skills - for documentation, training, processes.
- Good analytical / problem solving skills.
- Good IT technical skills.
- Demonstrated organizational and leadership skills.

Equity and diversity are essential to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the B.C. Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Metis, Inuit, or Indigenous person.

All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority.