

## Job Details

**Reference:** 10968

**Position Title:** Geographic Information Services Officer

**Classification:** APS 6 (Information Technology Officer Class 2)

**Salary range:** \$64,411 - \$72, 196 per annum, plus an additional 15.4% superannuation.

**Location:** Canberra

**Division:** Water

**Branch:** Water Data Management

**Section:** Water Data

**Sub-Section:** Geo-Fabric

**Status:** Ongoing

**Applicants:** Australian citizenship – see [Essential Applicant Information](#)

**Applications close:** Thursday 5 March 2009

## Advertisement

To secure the long term water supply of all Australians, the Australian government has announced Water for the Future plan, a \$12.9 billion water investment program. This includes \$450 million for the 'Improving Water Information' Program administered by the Bureau and backed by the Commonwealth Water Act 2007 and key stakeholders.

The Bureau will enhance the quality and utility of Australia's water information by producing Water Account, supported by a truly national water monitoring and data collection network. The program includes development and maintenance of an integrated, national water information system freely accessible to the public.

The development of the Australian Hydrological Geospatial Fabric (Geofabric) is a key activity within the Bureau. The Geofabric will be a single, consistent, national geospatial framework for hydrological features including catchment boundaries, streams, aquifers, floodplains, storages and wetlands linked to a national Digital Elevation Model (DEM). The Geofabric will be a key component of the Australian Water Resources Information System (AWRIS) which will deliver robust and reliable, nationwide information on water availability, water quality and water usage.

We are currently seeking a passionate and talented Geographic Information Systems (GIS) officer to support the work of the Geofabric project as well as providing general GIS services to the Water Division. The appointee will have sound spatial information qualifications, possess high level analytical and problem solving skills and be an excellent communicator. The person will be required to set up a GIS helpdesk, communicate with internal clients and liaise with external stakeholders. They will also be required to work within the Bureaus corporate GIS framework and assist in the setup and management of the Water Division Enterprise GIS system.

## **Duty Statement**

Under general direction,

1. Provide GIS support services to the Water Division including acquiring and managing data and providing GIS based products to clients;
2. Research and exploit available geospatial data and tools, to provide solutions to the Water Division business needs;
3. Assist in the governance and administration of the Australian Hydrological Geospatial Fabric Project;
4. Assist in the development and management of geospatial databases and data warehouses that serve both internal and external clients;
5. Assist in the development and management of user interfaces for the efficient use of geospatial data including the potential for spatial reporting;
6. Carry out other duties within the Bureau's Water Division, as required.
7. Be aware of, and apply as necessary, the principles and practices of the various elements of the Bureau's Social Justice Strategy.

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***Duties representing highest function:*** 1-2

***Immediate Supervisor:*** EXECUTIVE LEVEL 2 (SPOB) (NO. 10617)

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## **Job Profile**

The Water Division is a new Division of the Bureau of Meteorology established to fulfil the Bureau's new functions in water information under the national plan for Water Security and to integrate these with the Bureau's existing hydrological services functions.

The Bureau's roles and responsibilities are provided under the Water Act (2007). The 12-part Water Act includes a part (7) on water information, setting out a range of new powers for the Director of Meteorology. The powers are related to the collection of water information and national standards for water information storage and transmission. The legislation also sets out some obligations for the Bureau, including the requirements to perform periodic water resource assessment, manage a national water account, and to make water information freely available to the public.

The Water Data Section within the Water Data Management Branch has responsibilities for collecting, managing and disseminating water data for the whole of Australia. Within the Water Data Section, the Geofabric project has been established to assemble key geospatial data layers within a single, consistent, national geospatial framework for hydrological features. A Geofabric project manager has been appointed to coordinate this project.

As well as the spatial information requirements of the Geofabric project, the Water Division requires more generalised Geographic Information System (GIS) services. The purpose of this role is to provide technical support, system design and analysis, client liaison and provide advice on a range of information technology problems. The GIS officer is expected to be experienced and capable of performing a wide range of information technology work under limited supervision within an Enterprise GIS framework.

## Selection Criteria

**Applicants must address the selection criteria. To assist you prepare your application, please read the information at [General Information for Applicants](#) and complete the Bureau of Meteorology Application Cover Form.**

Under limited direction,

1. Sound scientific and technical knowledge specialising in Geographic Information Systems (GIS) and qualifications in IT desirable.
2. Demonstrated knowledge of geospatial data, analysis and systems and their development and application. Familiarity with hydrological geospatial data models and water data information systems is desirable.
3. The ability to evaluate and report on the efficiency of computer systems and investigate and report on the application of new information technology and information technology techniques;
4. Demonstrated liaison and communication (oral and written) skills and proven ability to liaise with users/clients and provide advice on a range of information technology problems;
5. Knowledge of the Bureau's Social Justice Strategy and a commitment to ensure its implementation in the work place.

## Contact

If you would like to know more about the Bureau of Meteorology visit <http://www.bom.gov.au/>

Employment conditions for most Bureau employees are contained in the Bureau of Meteorology Certified Agreement 2006-2008 which is available on the website at:  
[http://www.bom.gov.au/inside/ca\\_2006-2008.pdf](http://www.bom.gov.au/inside/ca_2006-2008.pdf)

Please read the selection documentation and if you have any queries specific to this position please contact Elizabeth McDonald on **02 6232 3522**.

## Applications

**All applicants are advised to read the [General Information for Applicants](#) available on this website before submitting their application.**

**Applications** should include a completed Bureau of Meteorology Application Cover Form, Résumé or CV, full details of qualifications and experience, and a Statement addressing the Selection Criteria.

Applications, which will be treated in confidence, should be forwarded, no later than Thursday 5 March 2009.

**Applications can be lodged personally at:** The Recruitment Unit, 7<sup>th</sup> Floor,  
700 Collins Street, Docklands

**By mail to:** Senior Recruitment Manager – Water Division, Bureau of Meteorology, GPO Box 1289, Melbourne VIC 3001

**By email to:** [waterjobs@bom.gov.au](mailto:waterjobs@bom.gov.au)

**All applicants** should include a completed Bureau of Meteorology Application Cover Form, Résumé or CV and a Statement addressing the Selection Criteria.

Should you experience any difficulties with accessing the position information or have any questions relating to the application process, please contact the Recruitment Unit, by emailing [waterjobs@bom.gov.au](mailto:waterjobs@bom.gov.au) or Telephone (03) 9669 4583.