



Job Details

Reference: 10795

Position Title: Senior Business Analyst

Classification: Executive Level 1 (Senior Information Technology Officer Grade C)

Salary range: \$80,569 - \$87,000 per annum, plus an additional 15.4% superannuation

Location: Canberra

Division: Water

Branch: Water Data Management

Section: Water Data

Status: Ongoing

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

Applications close: Thursday 25 June 2009

Advertisement

Under the Federal Government's *Water for the Future* plan, the role of the Bureau of Meteorology has been expanded to manage Australia's water information. The Bureau is currently seeking to employ a range of specialist staff to undertake development of the Australian Water Resources Information System (AWRIS), which will provide a comprehensive and current account of Australia's water resources. With the support of the National Water Commission (NWC), the Bureau is undertaking a long-term project to develop AWRIS into a world-leading water information system. The project involves researching, developing and applying state of the art knowledge and technologies in hydrology and information sciences.

The Senior Business Analyst will provide requirements analysis, technical specifications and manage testing of the AWRIS and associated spatial and temporal databases. We require experienced ICT professionals with a strong client focus.

Duty Statement

Under limited direction,

1. Lead and facilitate workshops and other requirements gathering activities with respect to AWRIS system developments. Liaise with external data providers and internal Bureau data users as required, to identify, gather and analyse business requirements.
2. Develop project documentation covering scope, problem analysis, requirements analysis and design specifications using UML. Design user interfaces and oversee testing activities to confirm systems meet user requirements.
3. In collaboration with other areas, undertake the planning and requirements analysis for advanced computer based systems and technologies to meet Water Division operational requirements and provide high-level data integration, database and applications development support as part of the Water Data or AWRIS Project teams.

4. Individually, or as a team leader, make a major contribution to the requirements, design, development, testing and implementation of AWRIS and associated databases, to increase the effectiveness and efficiency of the Water Division's computer systems supporting the aggregation, integration, quality control, storage, management, reporting, analysis and delivery of water data and information.
5. Mentor less experienced business analysts.
6. Carry out other duties within the Bureau's Water Division, as required.
7. Ensure that plans, policies and practices in relation to the various elements of the Bureau's Social Justice Strategy are applied in the work area.

Duties representing highest function: 1-2

Immediate Supervisor: EL 2 (SPOB - ENGINEERING) (NO. 10537)

Job Profile

The Water Division is a new division of the Bureau of Meteorology established to fulfil the Bureau's functions in water information under the *Water for the Future* plan 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 collection, 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.

Currently in Australia it is not possible to monitor the status of Australia's water resources or make reliable forecasts of future water availability because of the manner in which water information is managed across more than 100 different water data collecting agencies nationwide. This situation impedes effective water resources management and policy and decision making on infrastructure investments. An Australian Water Resources Information System (AWRIS) will deliver robust and reliable, nationwide information on water availability, water quality and water usage. It will be the authoritative repository for water data and reporting in Australia.

AWRIS is conceived as having three core components: an Enabling Framework (or "brain") for harvesting and organising water data within a geospatial context; an external face providing Public Web Access to water data; and an internal face providing the analysis tools and production engine for key regular national water reports, such as Australian Water Resource assessments (AWRs) and National Water Accounts (NWAs).

The Senior Business Analyst will provide requirements analysis, technical specifications and manage testing of the AWRIS and associated spatial and temporal databases.

Selection Criteria

Selection will be made on the basis of assessment against specified selection criteria. It is in the interests of applicants to note the selection criteria and frame their applications accordingly.

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

1. A proven record of professional competence in analysis of requirements for computer applications, and substantial hands-on experience in the design of enterprise databases and data-intensive web-based information systems. Experience with RDBMS products such as Oracle, Postgres and MySQL is an advantage.
2. A qualification in Information Management, Technology or Science which is relevant to the duties of the position is highly desirable.
3. Demonstrated experience in producing requirements specifications using UML, designing user interfaces and system testing activities.
4. Strong analytical and conceptual skills, self-motivation and initiative, the ability to gather requirements through structured interviews and workshops and produce documentation and high-quality results within expected timeframes.
5. Working knowledge of best practice in the application of database and web service technologies or experience with management of scientific, spatial or time series data will be highly regarded.
6. Demonstrated high level liaison and communication (oral and written) skills in particular in regard to the compilation of clear and easy to understand technical documentation and ability to work within a team environment.
7. 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/>

Please read the selection documentation and if you have any queries specific to this position please contact David Nicholls on (02) 6232 3531.

Applications

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

Applications can be lodged personally at: The Recruitment Unit, 7th Floor,
700 Collins Street, Docklands

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 5pm on Thursday 25 June 2009.

Applications can be lodged online at <http://www.bom.gov.au/waterjobs>

By email to: waterjobs@bom.gov.au

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 or Telephone the Recruitment Unit on (03) 9669 4583.