



Job Details

Reference:	11025
Position Title:	Web Systems and Database Developer
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:	700 Collins Street, Melbourne
Division:	Water Division
Group:	Communication and Adoption
Status:	Ongoing
Applicants:	Australian citizenship – see Essential Applicant Information
Applications close:	Tuesday 21st April 2009

Background

To secure the long term water supply of all Australians, the Australian Government announced *Water for the Future*, a \$12.9 billion water investment program in 2008. This includes \$450 million for the 'Improving Water Information Program' administered by the Bureau of Meteorology and backed by the Commonwealth *Water Act 2007* and key stakeholders.

The Bureau's expanded water information role will enhance the quality and utility of Australia's water information by producing the National Water Account and water resources assessments, supported by a 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 (see www.bom.gov.au/water/awris.shtml).

Success relies on our ability to communicate and respond effectively to a wide range of stakeholders including diverse external stakeholder groups across industry sectors as well as stakeholders within the Bureau. A small communication and industry adoption team has been established within the Bureau's new Water Division to support these water information responsibilities. The Web Systems and Database Developer is the fifth member of this team complementing our existing skills in marketing, media, communication, publishing, stakeholder engagement and event management.

We are seeking an experienced and passionate professional who will enjoy working in a close and dynamic team environment to achieve practical environmental outcomes benefiting Australia.

Duty Statement

Under broad direction,

1. Establish and maintain an understanding of the Water Division's internal and external stakeholder communication and information system needs, existing structures and plans for development.
2. In collaboration with others, plan, develop and deploy web-based systems and protocols to support efficient work processes and effective communication within the Water Division and the Bureau.
3. Coordinate and contribute to the design, development and maintenance of our internal and external water information websites.
4. Develop and maintain web-based systems and databases that support the promotion, distribution, application and technical support of our water information products and services.
5. Provide advice and supporting technical expertise in applying web-based technologies and design to other members of the Communication and Adoption Group, senior management and Bureau staff.
6. 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.
7. The successful applicant will be expected to work effectively and efficiently to meet individual and program timelines and milestones, and carry out other duties as required.

Duties representing highest function: 1-4

Immediate Supervisor: Communication and Adoption Strategist - PN 10478 (EL2 (Lower))

Job Profile

Our Web Systems and Database Developer will lead and implement web-based solutions to achieve the Bureau's Water Information Communication and Adoption Strategy goals. The position is part of a motivated team sharing responsibility for ensuring our communication and product adoption activities contribute to improved land and water management nationally. The Web Systems and Database Developer will make a significant contribution to the Bureau by making sure that our web-based systems are integrated, effective and user friendly.

Responsibilities include:

- developing and maintaining the Bureau's external web presence including the design of web-based information and products (e.g. www.bom.gov.au/water, www.bom.gov.au/hydro www.bom.gov.au/waterjobs)
- establishing databases and web systems to support delivery of the Water Information Communication and Adoption Strategy, including stakeholder communication and the application of water information products
- working with specialist colleagues across areas of web design, usability and web content management
- contributing to the development and delivery of the Australian Water Resources Information System web presence (see <http://www.bom.gov.au/water/awris.shtml>)
- contributing to development and maintenance of the Water Division's Sharepoint and intranet sites

The successful applicant will be highly motivated to lead, develop and apply skills and knowledge across a range of web-based systems and skilled in identifying opportunities for web technologies to support our work. The position will suit an individual with strong communication and people skills who wants to work as part of a close, multi-disciplinary team and develop a breadth of knowledge to underpin the next step in their career.

Applicants will appreciate the benefits of a dynamic, team-based culture and the challenges and rewards associated with contributing to development and delivery of a new national program to transform Australia's water resources information.

The position requires a strong team approach to working with other members of the Communication and Adoption Group and regular liaison with a range of Water Division staff and other IT groups within the Bureau.

The successful applicant will have three to five years in a similar role in systems or software engineering working with multiple tools and across varied environments with an appreciation of the Australian water industry desirable but not essential. Some interstate travel may be required.

Selection Criteria

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

Selection will be based on assessment against the following specified selection criteria. Applicants should note the selection criteria and frame their applications accordingly.

1. Substantial experience in the coordination and hands-on development and deployment of web-based software and use of open standards software.
2. Experience in relational database management systems (RDBMS), Unix and variants, and experience with html, cascading style sheets, JavaScript and related web technologies.
3. Experience in the deployment, implementation and customisation of content management systems, customer relationship management systems and online collaboration tools (e.g. Sharepoint).
4. Experience in applying formal software and systems engineering methods, software development lifecycles, web structures and environment, web standards, web design and user centred design in particular, systems analysis and requirements gathering.
5. Demonstrated liaison and communication skills, strong interpersonal skills and the ability to develop and maintain productive relationships within a team environment.
6. Knowledge of the Bureau's Social Justice Strategy and a commitment to ensure its implementation in the work place.

Desirable qualifications:

A degree or diploma in software engineering, computer science, systems engineering or information technology will be an advantage.

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 Perry, Communication and Adoption Strategist on (03) 9669 8152.

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 will be treated in confidence and should be forwarded no later than COB Wednesday 22 April 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 phone (03) 9669 4583.