



Job Details

Reference:	10661
Position Title:	Manager, Extended Hydrological Prediction
Classification:	Executive Level 2 (Senior Professional Officer Grade A – Engineering)
Salary range:	\$108,873 - \$114,973 per annum, plus an additional 15.4% superannuation.
Location:	Canberra or Melbourne This position may be based in either Melbourne or Canberra, depending on the requirements of the individual and the Bureau
Division:	Water
Branch:	Water Forecasting Services
Section:	Extended Hydrological Prediction
Status:	Ongoing
Applicants:	Australian Citizenship - Whilst Australian citizenship is not a mandatory requirement, the successful applicant will need to have the necessary work and visa rights. Dependant on the circumstances, the Bureau can arrange visa sponsorship for non citizens. Essential Applicant Information
Applications close:	Monday 26 May 2008

Advertisement

To secure the long term water supply of all Australians, the Australian Government has announced *Water for the Future*, a \$12.9 billion water investment program. 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 will enhance the quality and utility of Australia's water information by producing the National 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 Bureau is now in the process of an intensive recruiting campaign, seeking to bring a further 120 staff into the newly-established Water Division to support our extended role in water information.

We are currently seeking a passionate and talented leader for the position of Manager Extended Hydrological Prediction. This position is responsible for leading the development and operation of medium- to long-term hydrological forecasting and prediction services. In the initial stages, this position will require intensive collaboration with our research and development partners.

Duty Statement

Under broad direction,

1. Formulate policies and procedures concerning the development and operation of hydrological prediction services to support the delivery of the Bureau's water availability forecasting services under the Water Act (2007).
2. Ascertain the stakeholder requirements for hydrological prediction services and monitor their satisfaction levels as the services are developed and delivered.
3. Plan and co-ordinate the operations of the Extended Hydrological Prediction Section.
4. In collaboration and consultation with the manager of the Flood Forecasting and Warning Section review, investigate and develop hydrological forecasting and prediction services that provide a continuum of services designed to meet the needs of the major user groups.
5. Guide, develop and sponsor research and development initiatives aimed at improving the development and operation of medium to long term hydrological forecasting and prediction services.
6. Collaborate with other Bureau Program Managers and Regional Directors on matters relating to hydrological prediction activities and operations.
7. Support ADP's representation of the Bureau at inter-departmental, national, international and other conferences and committees concerned with hydrological prediction services matters and in undertaking high-level consultation on policy issues with Commonwealth and State Government Departments, Ministerial Council subsidiary committees, major industry groups, the media, etc.
8. Ensure that policies and practices in relation to all elements of the Bureau's Social Justice Strategy are applied throughout the Section.

Duty representing highest function: 1-4

Immediate Supervisor: ASSISTANT DIRECTOR (WATER PREDICTION)
SENIOR EXECUTIVE BAND 1 (NO. 10485)

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 Water Plan and to integrate these with the Bureau's existing hydrological services functions.

The Bureau's new 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. They include powers with respect to the collection of water information and the issuing of 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.

The Bureau's expanded water information role entails the development and maintenance of an integrated, national water information system. This includes river flows, groundwater levels, reservoir storage, water quality, water use, water entitlements and water trades. Such data will need to be acquired from over 100 data custodians, with an on-going update schedule put in place to ensure data currency.

The Water Act (2007) also obligates the Bureau to provide regular forecasts on the future availability of Australia's water resources.

The existing hydrological forecasting services will be extended to include short-term (3-10 days), seasonal timescale (medium) and multi-decadal (longer term) hydrological prediction services.

The appointee will be responsible for the management of the Extended Hydrological Prediction Section of the Water Forecasting Services Branch in the Bureau's Water Division. This will include the development and operation of short to long term hydrological forecasting and prediction services to support the delivery of the Bureau's water availability forecasting services under the Water Act (2007).

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 application 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. Demonstrated experience and/or demonstrated professional competence in hydrology especially in relation to hydrological forecasting and prediction, with an emphasis on hydrological prediction.
2. Communication skills, both verbal and written, of a high order. Ability to liaise effectively on scientific matters in a multi-disciplinary environment. Ability to write and report clearly and succinctly on both operational and scientific matters.
3. Leadership qualities of a high order, including inspirational, strategic thinking, judgement, organisational capabilities, and action orientation.
4. Good interpersonal skills; in particular those personal qualities required for working in a team environment and managing people from a variety of disciplines.
5. Demonstrated attention to detail and accuracy in analysis and service provision.
6. Knowledge and understanding of the principles of the Bureau's Social Justice Strategy and a commitment to apply them in practice.

Eligibility Requirements:

Mandatory Qualifications - A degree or diploma of an Australian educational institution, or a comparable overseas qualification, which is appropriate to the duties; OR, other comparable qualifications, which are appropriate to the duties.

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 **Dr Rob Vertessy, Deputy Director Water, Tel: (02) 6232 3501.**

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

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 COB Monday 26 May 2008

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

By email to: waterjobs@bom.gov.au

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

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 Maree Norden at the Recruitment Unit, by emailing waterjobs@bom.gov.au or Telephone (03) 9669 4333