



# A NEW OUTLOOK FOR YOUR CAREER

## Fire Weather Scientist

Executive Level 2

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<b>JOB REFERENCE NUMBER</b>	60001114
<b>CLASSIFICATION</b>	Executive Level 2 Lower (Senior Research Scientist)
<b>GROUP</b>	Science & Innovation
<b>PROGRAM</b>	Research
<b>LOCATION</b>	Melbourne – all State & Territory capital city office locations considered
<b>STATUS</b>	Ongoing
<b>WORKING HOURS</b>	Full time
<b>SALARY RANGE</b>	\$119,495 - \$140,466 plus an additional 15.4% superannuation
<b>CLOSING DATE</b>	11:30pm AEST/AEDT Wednesday 16 <sup>th</sup> December 2020
<b>APPLICANTS</b>	Australian Citizenship – see <a href="#">Eligibility Requirements</a>
<b>CONTACT OFFICER</b>	Tennessee Leeuwenburg Manager, Weather & Environmental Prediction Phone: (03) 9669 4310 Email: <a href="mailto:tennessee.leeuwenburg@bom.gov.au">tennessee.leeuwenburg@bom.gov.au</a>

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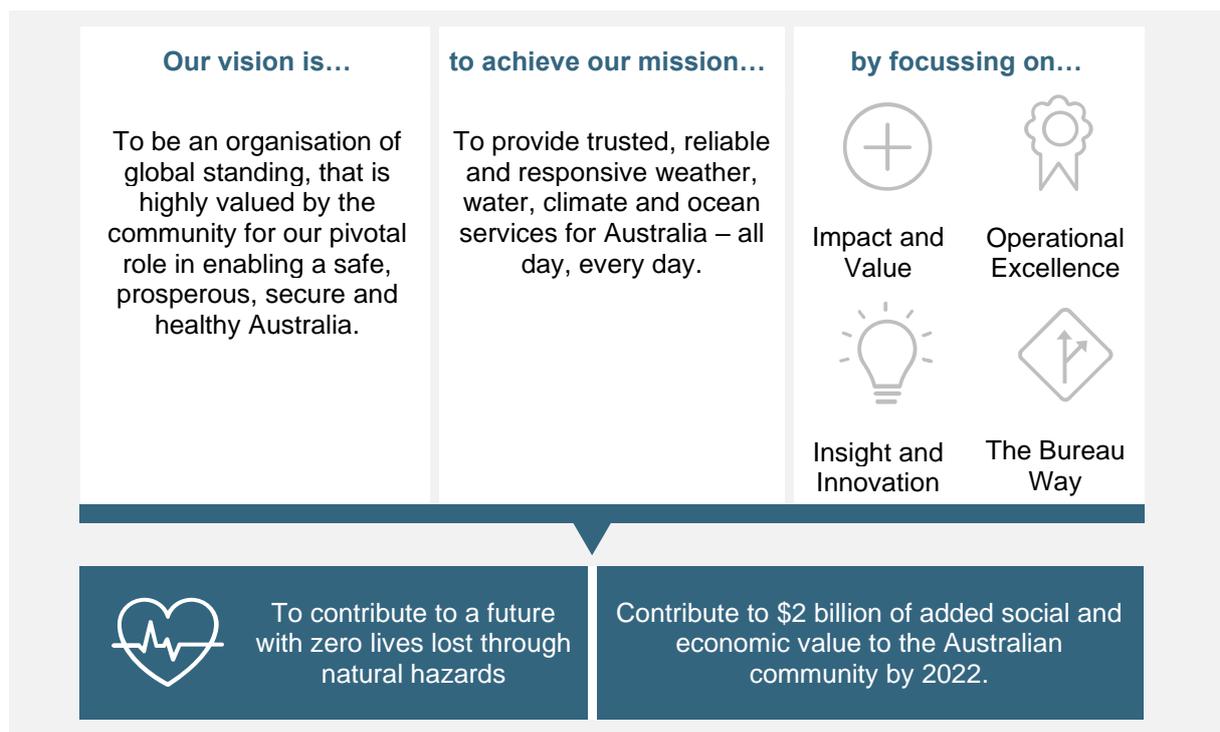
## ABOUT US

The Bureau of Meteorology is one of the few organisations that touches the lives of all Australians and all Australia, every day. The Bureau works across Australia and remote islands, providing services from the Antarctic to beyond the equator, and from the Indian Ocean to the Pacific.

We are Australia's national weather, climate and water agency, in the Agriculture, Water and Environment portfolio of the Australian Government, operating under the authority of the Meteorology Act 1955 and the Water Act 2007. We provide data, information, knowledge, insight and wisdom to help Australians prepare and respond to the realities of their natural environment, including droughts, floods, fires, storms, tsunamis and tropical cyclones.

Our products and services include observations, forecasts, analysis and advice covering Australia's atmosphere, water, oceans and space environments. We undertake focussed scientific research in support of our operations and services. Through regular forecasts, warnings, monitoring and advice, we provide one of Australia's most fundamental and widely used public services.

We have strong relationships with our customers, partners and stakeholders in Australia, including the Australian Community and the emergency services sectors, all-levels of Government, and focus sectors including aviation, agriculture, energy and resources, national security and water.





## WORKING AT THE BUREAU

The Bureau represents a dynamic and exciting opportunity. A role with the Bureau involves:

OUR WORK	OUR PEOPLE	OUR ENVIROMENT	OUR EXPIERENCE
Purpose-driven impactful work that brings real benefit to the Australian Community, businesses and industry.	A deeply passionate and highly skilled workforce that continuously challenges the status quo to achieve greater impact and experiences for our colleagues and customers.	A world class organisation with excellent workplaces in great locations, access to cutting-edge technology and a safe and inclusive environment for everyone.	A commitment to professional development and growth, backed by clear career pathways and training opportunities, and complimented by a competitive remuneration package.

## POSITION OVERVIEW

The High Impact Weather (HIW) research team, within the Research Program of the Bureau of Meteorology, conducts research into severe weather phenomena and better ways of predicting these, in support of the Bureau's operational needs and the Australian community. As such, the HIW team maintains close ties to customers, including through the Bushfire and Natural Hazards Cooperative Research Centre (BNHCRC), state fire and emergency services agencies, industry, and the Business Solutions Group (BSG) and Community Services Group (CSG) within the Bureau.

The HIW team is seeking an able and highly motivated person to strengthen their research base and the ability to derive positive customer-oriented outcomes from it. The successful applicant will have strong record of relevant research in severe weather, preferably in fire weather. They will be responsible for high-level liaison with senior partners within and external to the Bureau and will provide detailed interpretative briefings of meteorological data to users, applying cutting-edge scientific knowledge and strong knowledge of user needs.

They will mentor, support, and train more junior staff, both in real time during events and on longer time scales. They will promote and develop collaborative research with national and international agencies, and within the Bureau, and will assist in the development of targeted relevant training to build capability.

The impetus for this new position follows from the increased fire risk faced by Australia, as demonstrated by the summer of 2019/20, and other drivers for more detailed and sophisticated services in this space including community and industry expectations and the government's announcement of a new National Research Centre for Disaster Resilience. Efficient deployment of new developments, in response to growing demand, requires an increase in research capability together with closer coupling of research with operations.

## ROLE RESPONSIBILITIES

The responsibilities of the role include but are not limited to:

1. Develop research strategies in fire weather and, individually or as a member of a team, undertake research requiring a considerable degree of originality, creativity and innovation



and the application of knowledge and skills gained from a strong background of research experience and achievement.

2. Provide scientific advice to Bureau leaders.
3. Manage or lead a research team as required.
4. Support the Decision Support teams in CSG with customer engagement and gathering and consolidating customer requirements and contribute as required to customer focussed cross functional teams delivering new services.
5. Support the Product Owners and Product Managers in CSG and BSG to take customer requirements and develop business requirements and business cases and deliver the research and systems investments required to ensure appropriate product lifecycle management and improvement.
6. Ensure the plans, policies and practices in relation to the various elements of the Bureau's Commitment to Diversity and Inclusion are applied in the work area.
7. Comply with all Bureau work, health and safety policies and procedures, and taking reasonable care for your own health and safety and that of employees, contractors and visitors who may be affected by your conduct.

## SELECTION CRITERIA

The Bureau encourages applications from all suitably qualified candidates. Applications will be considered based on alignment with selection criteria, which have been matched to the APSC Work Level Standard and Integrated Leadership Systems for Executive Level 2 positions.

### 1. **Scientific research ability**

Demonstrated ability to articulate research needs in the context of the Bureau's objectives and fire sector opportunities and priorities, and to design and undertake research directed towards their solution, with a high degree of innovation and insight.

### 2. **Operational understanding**

Able to instigate continuous improvement in the Bureau's fire weather operations through deploying specialist expertise within and outside the organisation. High level of understanding of the operational needs of the Bureau and of its services to key fire weather customers.

### 3. **Bushfire Knowledge**

Broad knowledge of bushfires science and operations, with a deep knowledge of meteorological aspects of fire behaviour.

### 4. **Communication skills**

Communicates in a clear, concise, and articulate manner. Uses appropriate, unambiguous language, understands the audience and tailors the communication style appropriately, including for audiences without a scientific background and with the media.

### 5. **Liaison skills**

Able to build and sustain relationships with a network of key people involved in bushfire research and operations, including national and international researchers, and operational agencies. Able to influence the direction of both research and operations, and to persuade others to follow that lead.

### 6. **Personal drive and integrity**

Understands and commits to adherence to the Bureau's social justice strategy and to the APS Values and Code of Conduct.



### **Mandatory qualifications:**

A degree or Doctor of Philosophy of an Australian university, or a comparable overseas qualification, which is appropriate to the duties; OR other comparable qualifications, which are appropriate to the duties; AND the delegate is satisfied that the Scientist possesses:

- a) scientific research ability, a breadth and depth of scientific interests and the potential to vary those scientific interests to accept responsibility for scientific fields broader than those encompassed by university training; AND
- b) scientific skill and judgement, together with the capacity to make mature assessments and decisions on the progress of his or her scientific research work and accept responsibility for:
  - i. the accuracy and validity of that work;
  - ii. the scientific conclusions derived personally from that work and the advancement of that work in directions which might have a bearing on its application.

## **MERIT POOL**

The selection process will establish a merit pool that may be used to fill similar positions within 12 months.

## **HOW TO APPLY**

Applications can be lodged through [BOMCareers](#).

Your application will consist of resume, contact details for two referees and responses to the selection criteria (maximum 400 words per criterion) that considers:

- position overview
- job responsibilities
- selection criteria
- relevant sections of the [Integrated Leadership System \(ILS\)](#) and [APS work level standards](#).

The Bureau is an equal opportunities employer. We will support applicants with disability through our [RecruitAbility Program](#) and will provide reasonable adjustments such as access, equipment and other practical support at relevant stages of the recruitment process.

We recognise the need for our workforce to reflect the community we serve and provide an inclusive environment that respects and values diversity and is described in our [Diversity and Inclusion Statement of Commitment](#). We strongly encourage qualified applicants from diverse backgrounds to apply.

The Bureau offers flexible working options, reasonable workplace adjustments and an Employee Assistance Program (EAP). Should you have any questions or experience any difficulties with applying online, please contact the Recruitment Team on [BOMCareers@bom.gov.au](mailto:BOMCareers@bom.gov.au)

## **COVID-19 RESTRICTIONS**

We understand there are unique and evolving challenges due to the current COVID-19 pandemic. The Bureau is responsive and making changes to ensure the safety of all candidates and our team.

Under the relevant legislation and guidance of the National Chief Medical Officer:



- Currently all interviews will be held via audio/video conference (across a range of platforms to accommodate personal requirements) unless otherwise advised.
- The successful candidate may be required to carry out the duties remotely for either a period or until otherwise advised.

## ADDITIONAL INFORMATION

To find out more about the employment conditions at the Bureau, please refer to the Bureau of Meteorology [Enterprise Agreement 2018](#).