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Job Description

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Senior Research Fellow

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Job ID 106705

Full/Part Time Full-Time

Location Nathan

Regular/Temporary Fixed Term

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Overview:

Griffith University has a long-established reputation for research excellence in the environmental sciences, especially in relation to the water sciences. This research is currently focused within the [Australian Rivers Institute](#) (ARI), established in 2006 as one of the University's areas of strategic research investment.

Further information about ARI, its research and research programs, and dedicated staff can be found on the Australian Rivers Institute [website](#).

This three-year position is funded by the Queensland Water Modelling Network (QWMN), which was established by the Queensland Government to improve the research and development of water models used in Queensland, and their effectiveness to inform decision making for policy, planning and new initiatives. The state-wide Network will focus on research, development and innovation in the application of water models, including hydrology, biogeochemistry and water quality.

This is a fixed term (three years), full time position based at the Nathan campus.

The role:

The QWMN Fellow is required to work collaboratively in ARI, and align to the objectives of the QWMN. The appointee will provide high-level technical and research expertise for modelling of the Great Barrier Reef, particularly in the estuarine and receiving water environment, building on knowledge, capacity and models that have been developed for the Reef.

The QWMN Fellow will be tasked with undertaking research that improves model functionality and capability between the catchment and receiving waters, having consideration for the influence of land use/land management, climate change and policy interventions to sustain the Great Barrier Reef, addressing the threats to it, and preventing further loss and degradation of the Reef. The QWMN Fellow will be expected to develop high levels of engagement with other modelling scientists, and develop capability in state-of-the-art modelling methods as part of an initiative by the QWMN to provide high-quality modelling support for the Queensland Government and partner organisations.

The person:

The successful applicant will have completed a PhD in relevant field, with research experience in water modelling. The person will have extensive research experience and leadership responsibilities in modelling, demonstrated strengths and knowledge of diverse research approaches and methodologies, with capability in one or more of the following modelling techniques: data assimilation; Monte Carlo simulation; sensitivity analysis; and, advanced visualization techniques. High-level analytical skills will be essential in this role.

Griffith University values gender equality, diversity and inclusion and is committed to providing equal employment opportunities to persons from all backgrounds and identities. It offers a supportive and flexible working environment with excellent working conditions. For further information follow this link <https://www.griffith.edu.au/equity>.

Salary range:

Senior Research Fellow: \$111,104 - \$128,113 per annum. Salary package including 17% employer superannuation contribution: \$129,993 - \$149,893 per annum.

Application requirements:

Please ensure your application includes the following:

- Statement addressing each of the selection criteria as outlined on the position description - [SRF_00058597_PD.pdf](#)
- Brief covering letter outlining your suitability for the role
- Current curriculum vitae/resume which should include:
 - Full name, address, telephone number and email address;
 - Details of education, professional training and qualifications;
 - Employment history, including present position and details of relevant professional, consulting or industry experience;
 - Research interests and list of publications;
 - Research grants awarded and any other relevant information, such as offices held in professional bodies, community services etc.

Applications close at 5pm on the closing date. All applications must be submitted online.

Further information:

For further information about this role, please contact Professor David Hamilton, Deputy Director, Australian Rivers Institute on +61 (0) 7 3735 3544 or email david.p.hamilton@griffith.edu.au.

For application queries, contact Ms Courtney Mullens, Senior Recruitment Adviser on +61 (0) 7 3735 6404.

Closing date: Friday, 24 November 2017 at 5pm AEST.



