

PhD opportunity

PhD: Improving flood forecast skill using remote sensing data [1]

Supervisor:

Dr. Valentijn Pauwels Monash University

This body of research seeks to utilise data made available by satellites to improve hydrological and hydraulic flood modelling. Land-based sensors can often be subject to damage or malfunction in the event of a natural hazard, and direct measurement of flood extents/levels can also be a dangerous exercise. It is therefore prudent to have other methods of obtaining data for flood prediction.

Project: detail Notabs

Research team

Linked Projects

Improving flood forecast skill using remote sensing data [2]

FLOOD AND COASTAL MANAGEMENT [3]

 A/Prof Valentijn Pauwels
Monash University [4]



[4]

Send an enquiry

More information

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Postgraduate Scholarships Application Process

Bushfire and Natural Hazards CRC postgraduate scholarships are available for students pursuing research higher degrees in the bushfire research fields, in line with Bushfire and Natural Hazards CRC projects.

Both Full and Top Up scholarships and project support funding are available for outstanding students, with preference given to the provision of top up scholarships.

Current funding amounts are:

- Full Scholarships of up to \$28,000 per annum for three and a half years.
- Top Up scholarships of \$10,000 per annum for three and a half years to holders of Australian Postgraduate Awards (APA) and University Research Scholarships.

Bushfire & Natural Hazard CRC Scholarship Application Kit

You are welcome to submit enquiries using the form on this page. However, you must complete this form to make an application.

 [bnhcrc_scholarship_application_kit.pdf](#) [6]

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Links

[1] <https://www.bnhcrc.com.au/research/understanding-and-mitigating-hazards/384> [2] <https://www.bnhcrc.com.au/research/floodforecasting> [3] <https://www.bnhcrc.com.au/research/cluster/flood-coastal-management> [4] <https://www.bnhcrc.com.au/organisations/monash> [5] <mailto:john.bates@bnhcrc.com.au> [6] https://www.bnhcrc.com.au/sites/default/files/general/bnhcrc_scholarship_application_kit.pdf