

Student project

- Key Topics:
- economics [1]
 - policy [2]
 - prescribed burning [3]

Economic analysis of prescribed burning [4]
This PhD began at the Bushfire CRC and was completed in July 2016. It developed an economic model for evaluating different prescribed burning strategies. The model incorporates both biological information related to bushfires and fire regimes, as well as economic information about prescribed burning, suppression, and potential bushfire damages. The model uses the Australis wildfire simulator to simulate the spread of fires under different prescribed burning scenarios. The project has informed decision-makers on the costs and benefits of different prescribed burning strategies, the return on their investment, and the trade-offs between different options.

Research team

Student researcher

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Dr Veronique Florec
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RESEARCH LEADER



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Full description

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The project has informed decision-makers on the costs and benefits of different prescribed burning strategies, the return on their investment, and the trade-offs between different options.
Veronique is now working at the University of Western Australia as a researcher on the CRC project *Economics of natural hazards*.
[Download her thesis here](#) [7].

Related News



Researcher selected for Antarctic expedition

24 AUG 2017

[8]



14 JUN 2016

PhD students complete
EMERGENCY MANAGEMENT, MITIGATION

[9]

Publications

Year	Type	Citation
2016	Conference Paper	Florece, V. [5], Pannell, D. J. [10], Burton, M. [11], Kelso, J. [12] & Milne, G. J. [13] Think long term: the costs and benefits of prescribed burning in the south west of Western Australia [14]. AFAC
2016	Conference Paper	Rumsewicz, M. [18] Research proceedings from the 2016 Bushfire and Natural Hazards CRC and AFAC conference [19]. Bushfire and Natural Hazards CRC & AFAC annual conference 2016 (Bus
2016	Thesis	Florece, V. [5] Economic analysis of prescribed burning in the south-west of Western Australia [7]. School of Agricultural and Resource Economics Doctor of Philosophy, (2016). Google Scholar [
2013	Report	Florece, V. [5] <i>et al.</i> Economic Analysis of Bushfire Management Programs: A WA Perspective Report [26]. (2013). Google Scholar [27] BibTeX [28] EndNote XML [29]

Resources

DATE	[30]	TITLE	[31]	DOWNLOAD	KEY TOPICS
08 May 2015		Economic Analysis of Bushfire Management Programs: A WA Perspective Presentation [32]		562.64 KB	[33] (562.64 KB), prescribed burning [3
08 May 2015		Economic Analysis of Prescribed Burning for Wildfire Management in WA [34]		2.1 MB	[35] (2.1 MB) [1], prescribed burning [3
07 Jul 2015		Veronique Florece PhD Progress Report 2015 [36]		68.31 KB	[37] (68.31 KB)
31 Aug 2016		Think long term: the costs and benefits of prescribed burning in the south west of Western Australia - Veronique Florece [38]		4.43 MB	[39] (4.43 MB) [1], fire impacts [40], pre
09 Nov 2017		Investing in prescribed burning: how much should we spend? [41]		267.53 KB	[42] (267.53 KB), policy [2], prescribed

Posters

08 MAY 2015

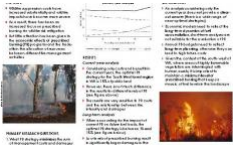
Economic Analysis of Prescribed Burning for Wildfire Management in South East WA
[43]
ECONOMICS [1], PRESCRIBED BURNING [3]

08 MAY 2015

Economic Analysis of Prescribed Burning for Wildfire Management in WA Poster
[44]
ECONOMICS [1], PRESCRIBED BURNING [3]

08 MAY 2015

Integrated Assessment of Prescribed Burning Poster
[45]
ECONOMICS [1], PRESCRIBED BURNING [3]



[46]

18 AUG 2015

Economic Analysis of Prescribed Burning for Wildfire Management in the South West of Western Australia
[46]
ECONOMICS [1], PRESCRIBED BURNING [3]
This thesis explores the application of economic analysis to wildfire management and aims to evaluate trade...



[47]

Economics of Natural Hazards: Integrated Assessment

[47]

DECISION MAKING [48], ECONOMICS [1]

How can we get the best value for money from public investments in natural hazard management? This project...

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