

BNH CRC launch Parliament House Canberra 10 December 2013\_2

- Key Topics:
- framework [2]
  - governance [3]
  - policy [4]

Policies, institutions and governance [5]

Building community resilience to natural disasters is a complex challenge that spans many policy areas. This project, which has transitioned to its utilisation phase, tackled this intricate problem by delivering policy options that could help governments and emergency services to strengthen resilience in communities. The research identified barriers to community resilience and potential policy solutions that could be factored into the preparation, response and post-event phases of emergency management.

Project: detail Notabs


Research team

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## Student researchers

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## Description

Building community resilience to natural disasters is a complex challenge that spans many policy areas. This project tackled this intricate problem by delivering policy options that could help governments and emergency services to strengthen resilience in communities. The research identified barriers to community resilience and potential policy solutions that could be factored into the preparation, response and post-event phases of emergency management.

Three research themes were covered:

1. What is 'community' and how can governments share responsibility with both communities and individuals?
2. How can insurers play a more active role in communicating risk and encouraging hazard mitigation?
3. Is there a better process or institution for effective lesson sharing after natural hazard events?

Findings revealed significant tensions in the shared responsibilities between governments exercising power and community empowerment; between the conflicting needs of insurers and their clients; and within traditional models of post-disaster inquiries.

In regards to effectively sharing lessons after an event, the team has proposed the trialling of restorative practices as a powerful alternative to adversarial post-event inquiries. Having identified these inherent tensions across the three themes, the researchers propose new policies are needed that could resolve or ease the tensions identified, or, in the case of disaster insurance, highlight the need to develop better models.

This could be applied in various contexts, including the selection of appropriate policy choices to encourage communities to share responsibility for emergency management with government. It could also help agencies to be better informed about how policy options can be tailored to encourage or facilitate desired outcomes.

Australia could trial restorative practices for post-disaster events by starting locally, such as for internal inquiries into accidents and near misses. If the system is effective and fosters learning without harm, then the practice could be applied to larger inquiries involving the emergency agencies and broader community interests.

## Related News



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COMMUNICATION, EMERGENCY MANAGEMENT

20 OCT 2020

[28]



08 APR 2020

Disaster justice book draws on CRC research  
EMERGENCY MANAGEMENT, FRAMEWORK

[29]



19 FEB 2020

New online - February 2020  
COMMUNICATION, EMERGENCY MANAGEMENT

[30]

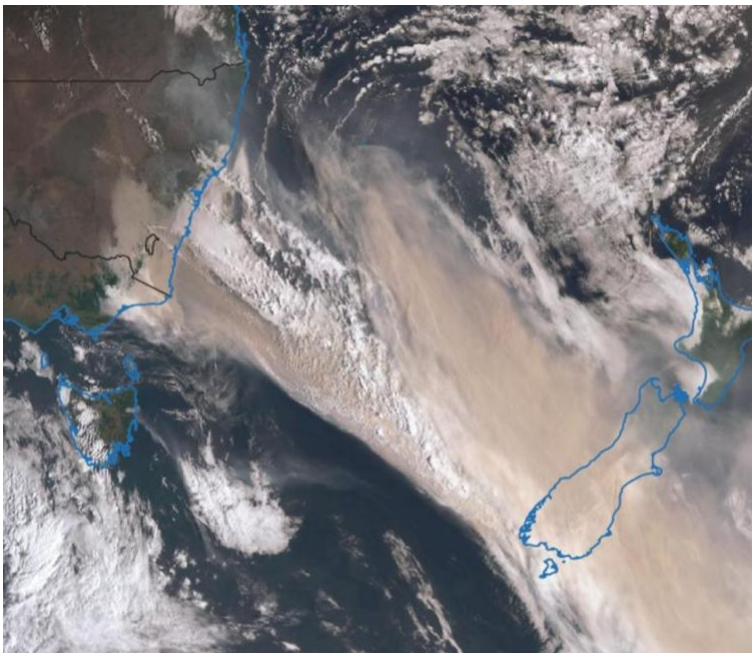




Media seek research insights  
COMMUNICATION, FIRE

23 JAN 2020

[31]



What sort of inquiry should come after these fires?  
DECISION MAKING, EMERGENCY MANAGEMENT

07 JAN 2020

[32]



22 AUG 2019

New online - August 2019  
DECISION MAKING, EMERGENCY MANAGEMENT

[33]



28 JUN 2019

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COMMUNICATION, DECISION MAKING

[34]



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25 JUN 2019

[35]



New online - December 2017  
EMERGENCY MANAGEMENT, LAND MANAGEMENT

19 DEC 2017

[36]





New online - November 2017

17 NOV 2017

[37]



Research featured in Journal  
EMERGENCY MANAGEMENT, MULTI-HAZARD

08 NOV 2017

[38]





20 OCT 2017

Briefing to enhance policy  
EMERGENCY MANAGEMENT, POLICY

[39]



19 APR 2017

New online - April 2017

[40]



New online - March 2017

17 MAR 2017

[41]



Project news – Policies, institutions and governance of natural hazards  
EMERGENCY MANAGEMENT, GOVERNANCE

15 NOV 2016

[42]



21 OCT 2016

Learning lessons from, and about, post disaster inquiries  
DECISION MAKING, EMERGENCY MANAGEMENT

[43]



14 SEP 2016

New online - September 2016

[44]



19 MAY 2016

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EMERGENCY MANAGEMENT, GOVERNANCE

[45]



14 OCT 2015

Succinct science is key  
FIRE SEVERITY, FLOOD

[46]





26 MAY 2015

Learning lessons in America  
DECISION MAKING, GOVERNANCE

[47]



13 FEB 2015












Media get briefing on key research issues  
EMERGENCY MANAGEMENT, MITIGATION

[48]

Publications

Year	Type	Citation
2020	Book	Lukasiewicz, A. [8] & Baldwin, C. [49] <b>Natural Hazards and Disaster Justice: Challenges for Australia and Its Neighbours</b> [50]. 368 (Palgrave Macmillan, 2020). doi:10.1007/978-981-15-0466-2 DOI
2020	Book Chapter	Dovers, S. [55] <i>Natural Hazards and Disaster Justice: Challenges for Australia and Its Neighbours</i> 51-71 (Palgrave Macmillan, 2020). doi:https://doi.org/10.1007/978-981-15-0466-2_3 DOI [56] Google S
2020	Book Chapter	Eburn, M. [6] <i>Natural Hazards and Disaster Justice: Challenges for Australia and Its Neighbours</i> 133-150 (Palgrave Macmillan, 2020). doi:https://doi.org/10.1007/978-981-15-0466-2_7 DOI [60] Google S
2020	Journal Article	Eburn, M. [6] <b>Emergency powers: Civil liberties in the face of disaster</b> [64]. <i>Bulletin (Law Society of South Australia)</i> <b>42</b> , 6-8 (2020). Google Scholar [65] BibTeX [66] EndNote XML [67]
2019	Report	Eburn, M. [6] <b>Restorative inquiries and natural disasters - symposium report</b> [68]. (Bushfire and Natural Hazards CRC, 2019). Google Scholar [69] BibTeX [70] EndNote XML [71]
2018	Journal Article	Dovers, S. [55] <b>Can major post-event inquiries and reviews contribute to lessons management?</b> [72]. <i>Australian Journal of Emergency Management</i> <b>33</b> , (2018). Google Scholar [73] BibTeX [74] En
2017	Book Chapter	McDonald, F. [76], Eburn, M. [6] & Smith, E. [77] <i>Disaster Health Management: A Primer for Students and Practitioners</i> (Routledge, 2017). at <https://www.routledge.com/Disaster-Health-Management-A
2017	Conference Paper	Rumsewicz, M. [82] <b>Research proceedings from the 2017 Bushfire and Natural Hazards CRC and AFAC Conference</b> [83]. <i>Bushfire and Natural Hazards CRC &amp; AFAC annual conference 2017</i> (Bus
2017	Conference Paper	Dovers, S. [55] <b>Emergency management and policy: research impact and utilisation</b> [87]. <i>AFAC17</i> (Bushfire and Natural Hazards CRC, 2017). Google Scholar [88] BibTeX [89] EndNote XML [90]
2017	Journal Article	Lukasiewicz, A. [8], Dovers, S. [55] & Eburn, M. [6] <b>Shared responsibility: the who, what and how</b> [91]. <i>Environmental Hazards</i> (2017). at <http://dx.doi.org/10.1080/17477891.2017.1298510 [92]> Go
2017	Journal Article	Eburn, M. [6] & Dovers, S. [55] <b>Reviewing high-risk and high-consequence decisions: finding a safer way</b> [96]. <i>Australian Journal of Emergency Management</i> <b>32</b> , (2017). Google Scholar [97] BibTeX
2017	Journal Article	Eburn, M. [6] & Cary, G. J. [100] <b>You own the fuel, but who owns the fire?</b> [101]. <i>International Journal of Wildland Fire</i> <b>26</b> , 999-1008 (2017). DOI [102] Google Scholar [103] BibTeX [104] EndNote XML
2017	Journal Article	Steele, W. E. [106], Hussey, K. [10] & Dovers, S. [55] <b>What's critical about critical infrastructure?</b> [107]. <i>Urban Policy and Research</i> 1-13 (2017). doi:http://dx.doi.org/10.1080/08111146.2017.1282857
2017	Report	Eburn, M. [6] & Dovers, S. [55] <b>Learning for emergency services: looking for a new approach</b> [112]. (Bushfire and Natural Hazards CRC, 2017). Google Scholar [113] BibTeX [114] EndNote XML [115]
2017	Report	Eburn, M. [6] <b>Policies, instutions and governance of natural hazards: annual project report 2016-17</b> [116]. (Bushfire and Natural Hazards CRC, 2017). Google Scholar [117] BibTeX [118] EndNote XML [119]
2016	Book Chapter	Eburn, M. [6] <i>Research Handbook on Disasters and International Law</i> (Edward Elgar, 2016). at <http://www.e-elgar.com/shop/research-handbook-on-disasters-and-international-law [120]> Google Scho
2016	Conference Paper	Rumsewicz, M. [82] <b>Research proceedings from the 2016 Bushfire and Natural Hazards CRC and AFAC conference</b> [124]. <i>Bushfire and Natural Hazards CRC &amp; AFAC annual conference 2016</i> (Bu
2016	Conference Paper	Eburn, M. [6] & Cary, G. J. [100] <b>You own the fuel but who owns the fire?</b> [128]. <i>AFAC16</i> (Bushfire and Natural Hazards CRC, 2016). Google Scholar [129] BibTeX [130] EndNote XML [131]
2016	Report	Eburn, M. [6] & Dovers, S. [55] <b>Discussion paper: Learning for emergency services, looking for a new approach</b> [132]. (Bushfire and Natural Hazards CRC, 2016). Google Scholar [133] BibTeX [134] EndNote XML [135]
2016	Report	Eburn, M. [6] <b>Policies, institutions and governance of natural hazards: Annual project report 2015-2016</b> [136]. (Bushfire and Natural Hazards CRC, 2016). Google Scholar [137] BibTeX [138] EndNote XML [139]
2015	Conference Paper	Hussey, K. [10] & Dovers, S. [55] <b>Managing Critical Infrastructure in a Changing Climate: Risk, Roles, Responsibilities and Politics Conference Paper 2014</b> [140]. <i>Bushfire and Natural Hazards CRC</i>
2015	Conference Paper	Eburn, M. [6], Hudson, D. [144], Cha, I. [145] & Dovers, S. [55] <b>Learning from Adversity: What Has 75 Years of Bushfire Inquiries Taught Us? Conference Paper 2014</b> [146]. <i>Bushfire and Natural Hazards CRC</i>
2015	Journal Article	Eburn, M. [6] <b>Are fire brigades liable for poor decisions?</b> [150]. <i>Bulletin (Law Society of South Australia)</i> <b>37</b> , 8-11 (2015). Google Scholar [151] BibTeX [152] EndNote XML [153]
2015	Journal Article	Eburn, M. [6] <b>Exposing hidden-value trade-offs: sharing wildfire management responsibility between government and citizens</b> [154]. <i>International Journal of Wildland Fire</i> <b>24</b> , 162-169 (2015). DOI [155] Google Scholar [156] BibTeX [157] EndNote XML [158]
2015	Journal Article	Eburn, M. [6] & Dovers, S. [55] <b>Learning Lessons from Disasters: Alternatives to Royal Commissions and Other Quasi-Judicial Inquiries</b> [159]. <i>Australian Journal of Public Administration</i> <b>74</b> , 495-508 (2015). DOI [160] Google Scholar [161] BibTeX [162] EndNote XML [163]
2015	Report	Eburn, M. [6] <b>Policies, Institutions and Governance (PIGS) of Natural Hazards Annual Report 2014</b> [164]. (2015). Google Scholar [165] BibTeX [166] EndNote XML [167]
2015	Report	Eburn, M. [6] <b>Policies, institutions and governance of natural hazards: Annual project report 2014-2015</b> [168]. (Bushfire and Natural Hazards CRC, 2015). Google Scholar [169] BibTeX [170] EndNote XML [171]
2014	Journal Article	Eburn, M. [6] <b>Exposing hidden value trade-offs: sharing wildfire management responsibility between government and citizens</b> [172]. <i>International Journal of Wildland Fire</i> <b>24</b> , 162-169 (2014). DOI [173] Google Scholar [174] BibTeX [175] EndNote XML [176]
2014	Journal Article	Eburn, M. [6] & Dovers, S. [55] <b>Risk Management from a Legal and Governance Perspective</b> [176]. <i>Journal of Integrated Disaster Risk Management</i> <b>4</b> , 61-72 (2014). DOI [177] Google Scholar [178] BibTeX [179] EndNote XML [180]

## Presentations & Resources

DATE	[181]	TITLE	[182]	DOWNLOAD	KEY TOPICS
19 Mar 2014		Governance and institutional knowledge [183]		 230.22 KB	[184] (230.22 KB), management [185], governance [186]
10 Apr 2015		Policies, Institutions and Governance 2015 NSW RAF Presentation [186]		 425.49 KB	[187] (425.49 KB), policy [4]
26 May 2015		Trends in Australian Wildfire Litigation - 9th annual Wildland Fire Litigation Conference, 1 May 2015 [188]		 138.94 KB	[189] (138.94 KB) [190], governance [3], policy [4]
14 Dec 2015		Governance and institutional knowledge cluster overview video [191]		 0 bytes	[192] (0 bytes) [3], planning [193], policy [4]
11 Jan 2016		Raising the bar on risk reduction policy and planning [194]		 144.04 KB	[195] (144.04 KB), planning [193], policy [4]
17 May 2016		Policies, institutions and governance in natural hazards [196]		 439.08 KB	[197] (439.08 KB), multi-hazard [198], policy [4]
30 Aug 2016		Sharing responsibility for disaster resilience: What are the obligations of the community? - Anna Lukasiewicz [199]		 1.56 MB	[200] (1.56 MB) [3], multi-hazard [198], policy [4]
01 Sep 2016		You own the fuel, but who owns the fire? - Michael Eburn [201]		 328.64 KB	[202] (328.64 KB) [4], risk management [204]
18 Apr 2017		Policies, Institutions and Governance of Natural Hazards [205]		 2.29 MB	[206] (2.29 MB), governance [3], policy [4]
03 Nov 2017		Removing disaster barriers through policy reform [207]		 718.86 KB	[208] (718.86 KB), governance [3], policy [4]
16 Apr 2018		Policies, institutions & governance of natural hazards [209]		 1.22 MB	[210] (1.22 MB), management [185], governance [186]

## Posters



[211] Policies, institutions and governance (PIGS) of natural hazards

[211] This research will identify legal, policy and governance barriers to more active community (including the...



[212]

**Insuring Against Disasters: Minimising Perverse Incentives and Promoting Mitigation**

[212]

FRAMEWORK [2], GOVERNANCE [3]

Encouraging insurers to share and communicate bushfire risk with policy holders.



[213]

**Policies, institutions and governance of natural hazards**

[213]

DECISION MAKING [190], ECONOMICS [214]

Community resilience is dependent on more than just engineering and preparation



[215]

**Policy reforms should ease shared disaster onus**

[215]

FRAMEWORK [2], GOVERNANCE [3]

Building community resilience to natural disasters is a complex challenge that spans many policy areas. This...

Linked Projects

**Economics of natural hazards**

[216]

ECONOMICS AND STRATEGIC DECISIONS [217]

 Dr Veronique Florec  
University of Western Australia [218]



[218]

**Improved decision support for natural hazard risk reduction**

[219]

ECONOMICS AND STRATEGIC DECISIONS [217]

 Prof Holger Maier  
University of Adelaide [220]



[220]

**Optimising post-disaster recovery interventions in Australia**

[221]

ECONOMICS AND STRATEGIC DECISIONS [217]

 Prof Mehmet Ulubasoglu  
Deakin University [222]




[222]

**Scientific diversity and uncertainty in risk mitigation policy and planning**

[223]

GOVERNANCE AND INSTITUTIONAL KNOWLEDGE [224]

 Dr Jessica Weir  
Western Sydney University [225]



[225]

<https://www.bnhcrc.com.au/people/epikusa> [18] <https://www.bnhcrc.com.au/organisations/dewnr> [19] <https://www.bnhcrc.com.au/people/jchan> [20] <https://www.bnhcrc.com.au/people/schauble> [21] <https://www.bnhcrc.com.au/organisations/emv> [22] <https://www.bnhcrc.com.au/people/mblason> [23] <https://www.bnhcrc.com.au/organisations/dpc> [24] <https://www.bnhcrc.com.au/people/swright> [25] <https://www.bnhcrc.com.au/organisations/bm> [26] <https://www.bnhcrc.com.au/people/cwenger> [27] <https://www.bnhcrc.com.au/people/shunt> [28] <https://www.bnhcrc.com.au/news/2020/new-online-october-2020> [29] <https://www.bnhcrc.com.au/news/2020/disaster-justice-book-draws-crc-research> [30] <https://www.bnhcrc.com.au/news/2020/new-online-february-2020> [31] <https://www.bnhcrc.com.au/news/2020/media-seek-research-insights> [32] <https://www.bnhcrc.com.au/news/blogpost/sdovers/2020/what-sort-inquiry-should-come-after-these-fires> [33] <https://www.bnhcrc.com.au/news/2019/new-online-august-2019> 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[http://scholar.google.com/scholar?btnG=Search%2BScholar&as\\_q=%22Public%2BPolicy%2Band%2BDisaster%2BJustice%22&as\\_sauthors=Dovers&as\\_occt=any&as\\_eqq=&as\\_oq=&as\\_eq=&as\\_eq=&as\\_publication=&as\\_ylo=&as\\_yhi=&as\\_sdtAAP=1&as\\_sdtP=1](http://scholar.google.com/scholar?btnG=Search%2BScholar&as_q=%22Public%2BPolicy%2Band%2BDisaster%2BJustice%22&as_sauthors=Dovers&as_occt=any&as_eqq=&as_oq=&as_eq=&as_eq=&as_publication=&as_ylo=&as_yhi=&as_sdtAAP=1&as_sdtP=1) [58] <https://www.bnhcrc.com.au/publications/biblio/export/bibtex/6646> [59] <https://www.bnhcrc.com.au/publications/biblio/export/xml/6646> [60] [http://dx.doi.org/10.1007/978-981-15-0466-2\\_7](http://dx.doi.org/10.1007/978-981-15-0466-2_7) [61] 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