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- communities [3]
- preparedness [4]

Improving the role of hazard communications in increasing residents' preparedness and response planning [5] The increasing frequency and complexity of natural hazards poses a challenge for community resilience. Communication and education of risk mitigation strategies play an essential role in building and maintaining resilience through preparation and planning by residents.

This project combined expertise in communication, social and consumer psychology, and disaster and emergency management. It identified barriers and enablers in residents' decision making, preparing, and planning by examining residents' intended use of different types of triggers for action during hazards. This included when to start evacuating and what information source to use, with the aim of trying to understand why some residents form a better-quality household plan with safer intended triggers than other residents.

Project: detail Notabs

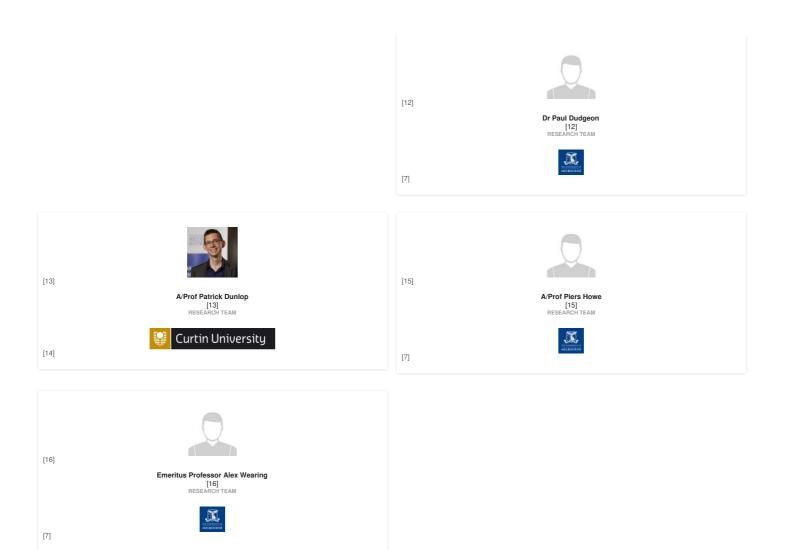
Research team

Research leader



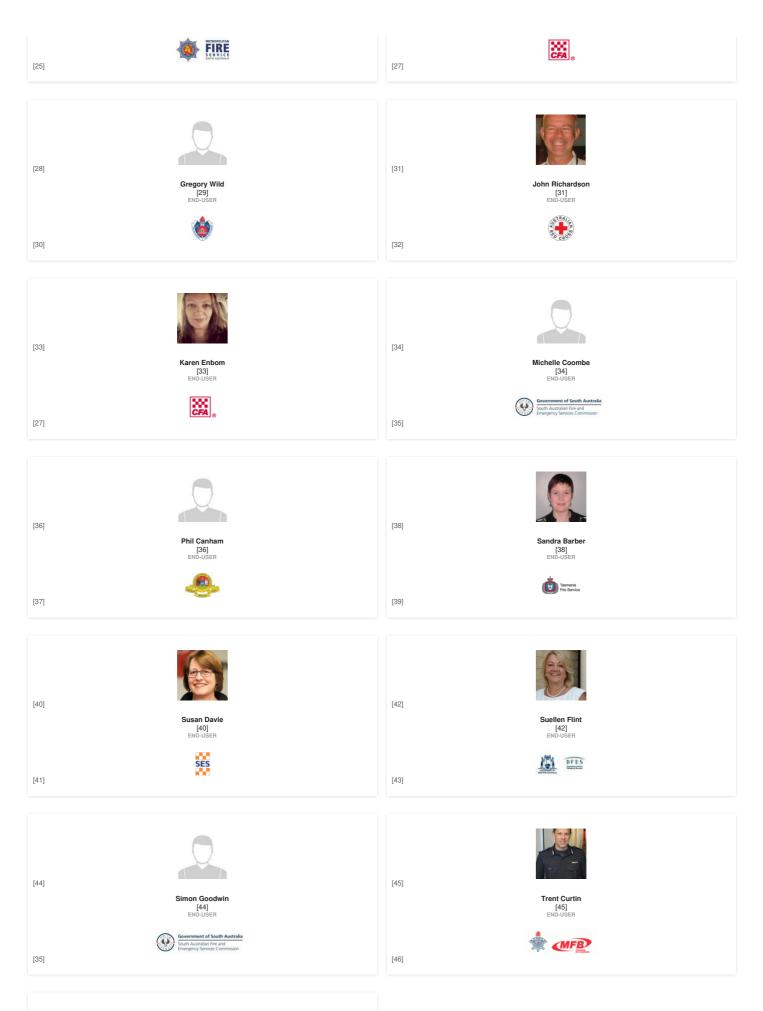
Research team





End User representatives

[17] Anthony Clark [17] END-USER [18]	[19] Andrew Richards [19] END-USER END-USER END-USER
[21]	[22]
David Webber	Fina Dunstan
[21]	[22]
END-USER	END-USER
EXECTION	
[20]	[23]
[24]	[26]
Glenn Benham	Gwyne Brenan
[24]	[26]
END-USER	END-USER



Tracey Leotta



Description

The increasing frequency and complexity of natural hazards poses a challenge for community resilience. Communication and education of risk mitigation strategies play an essential role in building and maintaining resilience through preparation and planning by residents.

This project combined expertise in communication, social and consumer psychology, and disaster and emergency management. It identified barriers and enablers in residents' decision making, preparing, and planning by examining residents' intended use of different types of triggers for action during hazards. This included when to start evacuating and what information source to use, with the aim of trying to understand why some residents form a better-quality household plan with safer intended triggers than other residents.

Surveys were conducted across bushfire and flood-prone areas in New South Wales, South Australia, Tasmania, Victoria and Western Australia. Findings include that the majority of people do not use official information sources about these hazards, so changing the content in these sources will only have limited overall effect. However, those that do use official information sources are better prepared and more motivated to prepare due to a greater sense of risk perception.

Related News



Collaboration is key for communications cluster success CLIMATE CHANGE, COMMUNICATION

[48]



New online – November 2018 EARTHQUAKE, MODELLING

15 NOV 2018

19 AUG 2019



17 NOV 2017

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[50]



New online - October 2016

[51]



DFES pilots bushfire preparedness measurement tool COMMUNITIES, FIRE

[52]



Quick science in videos COMMUNICATION, DECISION MAKING

09 MAY 2016

15 OCT 2015



Newsletter - Communications and warnings cluster COMMUNICATION, COMMUNITIES

[54]

Publications

Year	Туре	Citation
2019	Conference Paper	Gagné, M. [55] et al. Emergency volunteer retention: can a culture of inclusiveness help? [56]. AFAC19 powered by INTERSCHUTZ - Bushfire and Natural Hazards CRC Research Forum (Austra
2018	Report	McNeill, I. M. [6] Increasing residents' preparedness and planning for natural hazards : annual project report 2017-18 [61]. (Bushfire and Natural Hazards CRC, 2018). Google Scholar [62] BibTe
2017	Report	McNeill, I. M. [6] & Boldero, J. [65] Increasing residents' preparedness and planning for natural hazards: annual project report 2016-17 [66]. (Bushfire and Natural Hazards CRC, 2017). Google S
2017	Report	McNeill, I. M. [6], Boldero, J. [65] & McIntosh, E. [70] Household preparedness for bushfires: the role of residents' engagement with information sources [71]. (Bushfire and Natural Hazards CR
2016	Journal Article	McNeill, I. M. [6] & Dunlop, P. [13] Development and preliminary validation of the Constructive and Unconstructive Worry Questionnaire: A measure of individual differences in constructive
2016	Journal Article	McNeill, I. M. [6], Dunlop, P. [13], Skinner, T. C. [80] & Morrison, D. [81] Predicting risk-mitigating behaviors from indecisiveness and trait-anxiety: two cognitive pathways to task avoidance [82]
2016	Journal Article	McNeill, I. M. [6], Dunlop, P. [13], Skinner, T. C. [80] & Morrison, D. [81] A value and expectancy based approach to understanding residents' intended response to a wildfire threat [87]. International states and expectancy based approach to understanding residents' intended response to a wildfire threat [87].
2016	Journal Article	McNeill, I. M. [6] & Dunlop, P. [13] Development and preliminary validation of the Constructive and Unconstructive Worry Questionnaire: A measure of individual differences in constructive
2016	Report	McNeill, I. M. [6] & Boldero, J. [65] Increasing residents' preparedness and planning for natural hazards: Annual project report 2015-2016 [96]. (Bushfire and Natural Hazards CRC, 2016). Google
2015	Journal Article	Cao, Y. [100], Boruff, B. J. [101] & McNeill, I. M. [6] Defining Sufficient Household Preparedness for Active Wildfire Defense: Toward an Australian Baseline [102]. Natural Hazards Review 10, (2)
2015	Journal Article	McNeill, I. M. [6], Dunlop, P. [13], Skinner, T. C. [80] & Morrison, D. [81] Predicting delay in residents' decisions on defending v. evacuating through antecedents of decision avoidance [106]. In
2015	Report	McNeill, I. M. [6] & Boldero, J. [65] Improving the role of hazard communications in increasing residents' preparedness and response planning: Annual project report 2014-2015 [111]. (Bushfi
2015	Report	McNeill, I. M. [6] & Boldero, J. [65] Improving the Role of Hazard Communications in Increasing Residents' Preparedness and Response Planning Annual Report 2014 [115]. (2015). Google Sci
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16 Apr 2018	Improving the role of hazard communications in increasing residents' preparedness for bushfires and floods [134]	┨ 1.79 MB	[135]n(m28iMB)on [2], planning [127], preparedr
23 Nov 2018	How perceptions about community preparedness influence householders' own hazard readiness [136]	┨ 2.7 MB	[13;7]n(2;7]n(19;1)tion [2], communities [3], prepare
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Posters

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Improving the role of hazard communications in increasing residents' preparedness and response planning [138] COMMUNITIES [3], PLANNING [127]

Communication and education of risk mitigation strategies play an essential role in building and maintaining...



Does the Use of Information Sources Lead to Better Hazard Preparedness?

[139]

COMMUNICATION [2], PLANNING [127] In two studies amongst residents of bushfire and flood prone areas we examined whether residents who actively...



Children in disasters: the role of household preparedness

[140]

INFRASTRUCTURE [141], RESILIENCE [142]

Children form a vulnerable demographic in both the response and recovery phases of natural disasters

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Improving the role of hazard communications in increasing residents' preparedness for bushfires and floods: A summary of project findings

[143]

COMMUNICATION [2], PLANNING [127]

This project focused on the evaluation of communication strategies and identification of barriers and $\! \ldots \!$

Linked Projects

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Dr Melissa Parsons University of New England [153]



Developing effective emergency management partnerships in remote northern Australian communities

[154] UNDERSTANDING AND ENHANCING RESILIENCE [152]

Adj Prof Jeremy Russell-Smith Charles Darwin University [155]

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