



Community risk_1

- Key Topics:
- communication [2]
 - 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


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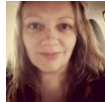


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Description

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



19 AUG 2019

Collaboration is key for communications cluster success
CLIMATE CHANGE, COMMUNICATION



15 NOV 2018

New online – November 2018
EARTHQUAKE, MODELLING



New online - November 2017

17 NOV 2017

[50]



New online - October 2016

13 OCT 2016

[51]



DFES pilots bushfire preparedness measurement tool
COMMUNITIES, FIRE

09 MAY 2016

[52]



Quick science in videos
COMMUNICATION, DECISION MAKING

15 OCT 2015

[53]



09 FEB 2015






Newsletter - Communications and warnings cluster
COMMUNICATION, COMMUNITIES

[54]

Publications

Year	Type	Citation
2019	Conference Paper	Gagné, M. [55] <i>et al.</i> Emergency volunteer retention: can a culture of inclusiveness help? [56]. AFAC19 powered by INTERSCHUTZ - Bushfire and Natural Hazards CRC Research Forum (Austral
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 CRC
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 v
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]. <i>Internatio</i>
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 v
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]. <i>Natural Hazards Review</i> 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]. <i>Int</i>
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]. (Bushfir
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 Sch

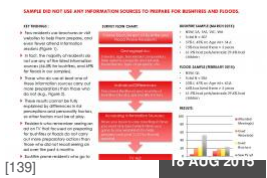
Presentations & Resources

DATE	[119]	TITLE	[120]	DOWNLOAD	KEY TOPICS
27 Oct 2014		Understanding behavioural responses to earthquake shaking using injury data	[121]		earthquake [122], response [123], risk mana
10 Apr 2015		Improving the Role of Hazard Communications 2015 NSW RAF Presentation	[125]	 1.76 MB	[126] (1.76 MB) [2], planning [127], preparedr
15 Sep 2015		Communications and Warnings [128]		 0 bytes	[129] (0 bytes) [2], multi-hazard [130], warni
17 May 2016		Increasing preparedness and planning amongst residents of hazard prone areas	[132]	 1.05 MB	[133] (1.05 MB) [2], planning [127], preparedr
16 Apr 2018		Improving the role of hazard communications in increasing residents' preparedness for bushfires and floods	[134]	 1.79 MB	[135] (1.79 MB) [2], planning [127], preparedr
23 Nov 2018		How perceptions about community preparedness influence householders' own hazard readiness	[136]	 2.7 MB	[137] (2.7 MB) [2], communities [3], prepare

Posters



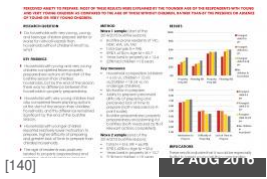
Improving the role of hazard communications in increasing residents' preparedness and response planning
[138]
COMMUNITIES [3], PLANNING [127]
Communication and education of risk mitigation strategies play an essential role in building and maintaining...



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

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

INFRASTRUCTURE [141], RESILIENCE [142]

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



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

COMMUNICATION [2], PLANNING [127]

This project focused on the evaluation of communication strategies and identification of barriers and...

Linked Projects

Community understanding of the tsunami risk and warnings systems in Australian communities

COMMUNICATION AND WARNINGS [145]

Prof David Johnston
Massey University, New Zealand [11]



[11]

Effective risk and warning communication during natural hazards

COMMUNICATION AND WARNINGS [145]

Prof Vivienne Tippet
Queensland University of Technology [147]



[147]

Child-centred disaster risk reduction

COMMUNICATION AND WARNINGS [145]

Dr Briony Towers
RMIT University [9]



[9]

Managing animals in disasters: improving preparedness, response, and resilience through individual and organisational collaboration

COMMUNICATION AND WARNINGS [145]

Dr Mel Taylor
Macquarie University [150]



[150]

The Australian Natural Disaster Resilience Index: A system for assessing the resilience of Australian communities to natural hazards

UNDERSTANDING AND ENHANCING RESILIENCE [152]

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]



[155]

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