

Student project

Cultural drivers of disaster response behaviour and their cross-cultural applicability [1]
This thesis examines the components of the socio-cultural context of an Indonesian island community that reportedly led to a remarkably low level of casualties during the Indian Ocean Boxing Day tsunami in 2004. Various elements of the social context of the Simeulue Island community are being assessed for their contribution to disaster response behaviour, potentially including community participation, collective efficacy, empowerment and trust as well as the maintenance of traditional disaster response knowledge. The key factors that contributed to the disaster response behaviour will then be considered in Australian cultural settings with a view to improving risk communication and community resilience.

Research team

Student researcher

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Full description

This thesis examines the components of the socio-cultural context of an Indonesian island community that reportedly led to a remarkably low level of casualties during the Indian Ocean Boxing Day tsunami in 2004. Various elements of the social context of the Simeulue Island community are being assessed for their contribution to disaster response behaviour, potentially including community participation, collective efficacy, empowerment and trust as well as the maintenance of traditional disaster response knowledge. The key factors that contributed to the disaster response behaviour will then be considered in Australian cultural settings with a view to improving risk communication and community resilience.

The primary question for this study is: what are the cultural drivers of disaster response behaviour on Simeulue Island and do these have cross-cultural applicability? Also considered is: what is it about the cultural context of south-eastern Australia that diminishes personal responsibility for maintaining personal and family safety in the face of bushfires and natural hazards? At the same time, what is it about the culture of Simeulue that enables individuals to act appropriately in the face of natural hazards?

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Publications

Year	Type	Citation
2021	Journal Article	Sutton, S. [2], Paton, D. [13], Burgelt, P. T. [14], Sagala, S. [15] & Meilianda, E. [16] Nandong smong and tsunami lullabies: Song and music as an effective communication tool in disaster risk re
2019	Conference Paper	Sutton, S. [2], Paton, D. [13], Burgelt, P. T. [14], Meilianda, E. [16] & Sagala, S. [15] Are we future ready? It depends on who you ask [22]. <i>AFAC19 powered by INTERSCHUTZ - Bushfire and Natura</i>
2019	Journal Article	Fisher, R. [27], Heckbert, S. [28], Villalobos, J. Maria Leon [29] & Sutton, S. [2] Augmenting physical 3D models with projected information to support environmental knowledge exchange [30]. <i>A</i>
2018	Book Chapter	Rahman, A. [35], Iwasaki, S. [36], Sutton, S. [2] & Sakurai, A. [37] <i>Urban Drought</i> 399-412 (Springer, 2018). doi: https://doi.org/10.1007/978-981-10-8947-3_23 DOI [38] Google Scholar [39] BibTeX [40]
2017	Conference Paper	Rumsewicz, M. [42] Research proceedings from the 2017 Bushfire and Natural Hazards CRC and AFAC Conference [43]. <i>Bushfire and Natural Hazards CRC & AFAC annual conference 2017</i> (Bus
2017	Conference Paper	Sutton, S. [2] Too good to be true? How a remote island community developed a 100% effective risk communication strategy and what Australia can learn from it [47]. <i>AFAC17</i> (Bushfire and
2016	Conference Paper	Rumsewicz, M. [42] Research proceedings from the 2016 Bushfire and Natural Hazards CRC and AFAC conference [51]. <i>Bushfire and Natural Hazards CRC & AFAC annual conference 2016</i> (Bus
2016	Conference Paper	Sutton, S. [2] How do island communities balance disaster resilience and what can mainlanders learn from that? [55]. <i>AFAC16</i> (Bushfire and Natural Hazards CRC, 2016). Google Scholar [56] Bi

Resources

DATE	TITLE	DOWNLOAD	KEY TOPICS
14 Oct 2015	Stephen Sutton PhD Progress Report 2015 [61]	 66.05 KB	[62] (66.05 KB)
30 Aug 2016	How do island communities balance disaster resilience and what can mainlanders learn from that? - Stephen Sutton [63]	 2.63 MB	[64] (2.63 MB), [65], indigenous commun
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07 Sep 2018	AFAC18 - Continuing the conversation: Community [73]	 0 bytes	[74] (0 bytes), [65], indigenous commun

Posters



[75]

Cultural Drivers of Disaster Risk Reduction Behaviour

[75]

INDIGENOUS COMMUNITIES [66], RESILIENCE [76]

This project examines the case study of Simeulue Island - A rare example of an entire community responding..



[77]

Cultural drivers of disaster risk reduction behaviour

[77]

INFRASTRUCTURE [78], RESILIENCE [76]

This project is about what went right – a disaster where the whole community responded in exactly the right...

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