



Fire knowledge in northern Australia

Key Topics:

- governance [2]
- Northern Australia [3]

Developing effective emergency management partnerships in remote northern Australian communities [4]

Through extensive consultations undertaken with regional emergency management agencies and Indigenous community partners across northern Australia, this project has established that an ongoing priority is to support the building of more effective emergency management agency-community partnership arrangements in remote communities, based on empowerment of and better engagement with community governance structures. This project explored community governance issues and aspirations among Yolngu and Bininj (Aboriginal people from east Arnhem Land and central and west Arnhem Land respectively) in two major communities: Galwiŋ'ku and Ramingining. In recognising persistent and systemic marginalisation issues, such as poor communication and engagement, project leaders sought to provide a stronger foundation for partnerships at a community level and a clear direction to emergency management and other agencies to adopt for more effective and mutually beneficial partnership arrangements in service delivery.

Project: detail Notabs

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Description

Natural hazards in the remote Northern Territory such as cyclones have arguably been managed as best as possible given the typically insubstantial relationships emergency management agencies have with traditional Aboriginal landowners and their wider communities. Preparation and response to the two cyclones, Lam (Feb. 19-20) and Nathan (March 22), that struck east and central Arnhem Land in 2015 are a case in point, prompting practical research into how we can strengthen existing governance arrangements in remote areas to promote and enrich such relationships. This project extends a suite of projects hosted by Charles Darwin University under the Northern Hub of the

CRC, collectively addressing 'building capacity in north Australian remote communities.

Under the collective theme of developing effective emergency management partnerships, the project focused on two of the several communities in Arnhem Land struck by cyclones Lam and Nathan – Galiwin'ku and Ramingining. The overall objective of the project was to inform effective emergency management agency community partnership arrangements in remote communities based on enhanced understanding and empowerment of underlying community governance structures. Lessons learned from the undertaking of this project were used to develop a 'protocols framework' to help inform the development of effective agency-community emergency management partnerships in remote community locations across northern Australia.

This research has identified a common set of core governance issues and priorities needing to be acknowledged and addressed to improve implementation of emergency risk management arrangements in remote communities. This work has helped these remote communities, and hopefully others, find voice to more effectively engage in the emergency management conversation, and in partnership building at local and national levels. It has also shown that most agencies involved are open to, if not keenly interested in greater equity with communities in engagement but are uncertain and/or systemically blind to how they may initiate and progress real and effective change in remote emergency management.

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 [Scoping remote north Australian community resilience](#) [22]

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Publications

Year	Type	Citation
2021	Journal Article	Sangha, K. [16], Russell-Smith, J. [7], Edwards, A. C. [44] & Surjan, A. [45] Assessing the real costs of natural hazard-induced disasters: A case study from Australia's Northern Territory [46]. <i>Australian Journal of Emergency Management</i> 31 , (2016). DOI [86] Google Scholar [87] BibTeX [88] EndNote XML [89]
2021	Report	James, G. [13], Sithole, B. [5], Burton, D. [51] & Russell-Smith, J. [7] Developing effective emergency management partnerships in remote north Australian communities - annual report 2019-20
2021	Report	Sithole, B. [5] <i>et al.</i> Developing effective emergency management partnerships in remote north Australian communities - final project report [21]. (Bushfire and Natural Hazards CRC, 2021). Google Scholar [110] BibTeX [111] EndNote XML [112]
2020	Journal Article	Sangha, K. [16], Duvert, A. [59], Archer, R. [60] & Russell-Smith, J. [7] Unrealised economic opportunities in remote Indigenous communities: Case studies from northern Australia [61]. <i>Social Science and Technology</i> 35 , 1-15 (2020). DOI [62] Google Scholar [63] BibTeX [64] EndNote XML [65]
2019	Journal Article	Russell-Smith, J. [7], Edwards, A. C. [44], Sangha, K. [16], Yates, C. P. [12] & Gardener, M. [66] Challenges for prescribed fire management in Australia's fire-prone rangelands – the example of the Northern Territory [67]. <i>Journal of Environmental Management</i> 238 , 1066-1075 (2019). DOI [68] Google Scholar [69] BibTeX [70] EndNote XML [71]
2019	Report	Russell-Smith, J. [7], James, G. [13], Sithole, B. [5], Sangha, K. [16] & Edwards, A. C. [44] Building emergency management capacity in remote north Australian communities – status report, November 2019
2019	Report	Sithole, B. [5] & James, G. [13] Developing effective management partnerships in remote communities in northern Australia – post cyclone response in Ramingining and Galiwin'ku: annual report 2018-2019
2018	Journal Article	Russell-Smith, J. [7] & Sangha, K. [16] Emerging opportunities for developing a diversified land sector economy in Australia's northern savannas [80]. <i>The Rangeland Journal</i> 40 , 315-330 (2018). DOI [81] Google Scholar [82] BibTeX [83] EndNote XML [84]
2018	Journal Article	Sangha, K. [16] <i>et al.</i> An ecosystem services framework to evaluate indigenous and local peoples' connections with nature [85]. <i>Ecosystem Services</i> 31 , 111-125 (2018). DOI [86] Google Scholar [87] BibTeX [88] EndNote XML [89]
2017	Journal Article	Sangha, K. [16], Sithole, B. [5], Hunter-Xenie, H. [90] & Daniels, C. [91] Empowering remote Indigenous communities in natural disaster prone northern Australia [92]. <i>International Journal of Management and Environmental Research</i> 11 , 1-12 (2017). DOI [93] Google Scholar [94] BibTeX [95] EndNote XML [96]
2017	Journal Article	Sangha, K. [16], Russell-Smith, J. [7], Morrison, S. [96], Costanza, R. [8] & Edwards, A. C. [44] Challenges for valuing ecosystem services from an Indigenous estate in northern Australia [97]. <i>Ecology and Society</i> 22 , 1-12 (2017). DOI [98] Google Scholar [99] BibTeX [100] EndNote XML [101]
2017	Report	Russell-Smith, J. [7] Scoping remote north Australian community resilience and developing governance models through action research: annual project report 2016-17 [102]. (Bushfire and Natural Hazards CRC, 2016). Google Scholar [103] BibTeX [104] EndNote XML [105]
2016	Journal Article	Maddock, N. [106] Notes from the Field: Managed by us mob: helping remote northern communities face natural hazards [107]. <i>Australian Journal of Emergency Management</i> 31 , (2016). Google Scholar [108] BibTeX [109] EndNote XML [110]
2016	Report	Michael, C. [111], Tofa, M. [112] & James, G. [13] Literature review on community resilience in remote north Australia [113]. (Bushfire and Natural Hazards CRC, 2016). Google Scholar [114] BibTeX [115] EndNote XML [116]
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2015	Conference Paper	Sangha, K. [16] <i>et al.</i> Developing enterprise opportunities and resilience in remote north Australian communities - non peer reviewed extended abstract [121]. <i>Adelaide Conference 2015</i> (2015). Google Scholar [122] BibTeX [123] EndNote XML [124]
2015	Conference Paper	Gould, J. S. [125], Sithole, B. [5], Campbell, A. [126], James, G. [13] & Sutton, S. [127] Building Community Resilience to Natural Hazards in Northern Australia Conference Paper 2014 [128]. <i>Bushfire and Natural Hazards CRC & AFAC annual conference 2015</i> (Bushfire and Natural Hazards CRC, 2015). Google Scholar [129] BibTeX [130] EndNote XML [131]
2015	Conference Paper	Rumsewicz, M. [132] Research proceedings from the 2015 Bushfire and Natural Hazards CRC & AFAC conference [133]. <i>Bushfire and Natural Hazards CRC & AFAC annual conference 2015</i> (Bushfire and Natural Hazards CRC, 2015). Google Scholar [134] BibTeX [135] EndNote XML [136]
2015	Presentation	Russell-Smith, J. [7] Risks and opportunities for sustainable savanna fire management [137]. (2015). Google Scholar [138] BibTeX [139] EndNote XML [140]
2015	Report	Russell-Smith, J. [7] Scoping Remote North Australian Community Resilience Annual Report 2014 [141]. (2015). Google Scholar [142] BibTeX [143] EndNote XML [144]
2015	Report	Russell-Smith, J. [7] Scoping remote north Australian community resilience and developing governance models through action research: Annual project report 2014-2015 [145]. (Bushfire and Natural Hazards CRC, 2014). Google Scholar [146] BibTeX [147] EndNote XML [148]

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Posters



[197] 25 AUG 2014

Scoping community resilience

[197]
Scoping community resilience through participatory action research (PAR) in Northern territory remote...



[198] 16 AUG 2015

Scoping Remote North Australian Community Resilience

[198]
INDIGENOUS COMMUNITIES [153], RESILIENCE [154]
"Why your mob only want to talk about big disasters, us mob are vulnerable to small ones too" - community...



[199] 12 AUG 2016

Resilience of remote indigenous communities - how we can achieve it?

[199]
INFRASTRUCTURE [200], RESILIENCE [154]
The project applies ecological-economic methods to help build the resilience and sustainability of remote...



[201] 19 SEP 2018

Changing Lives in a Changing World – recognising and respecting foundations of Indigenous community resilience

[201]
GOVERNANCE [2], NORTHERN AUSTRALIA [3]
The Bushfires and Natural Hazards CRC is supporting the investigation of Indigenous driven interests and...



[202]

Scenario Planning for Remote Community Risk Management in northern Australia

[202]

FIRE [161], NORTHERN AUSTRALIA [3]

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