

New South Wales State Emergency Service [1]

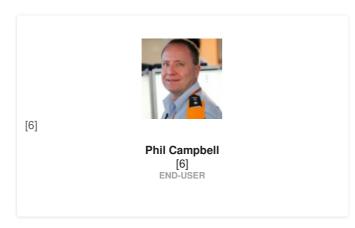
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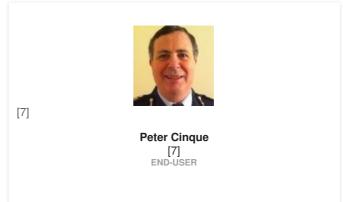
The NSW State Emergency Service (SES) is an emergency and rescue service dedicated to assisting the community. It is made up almost entirely of volunteers, with 229 units located throughout New South Wales. The units comprise of approximately 10,000 volunteer members. While its major responsibilities are for flood and storm operations, the SES also provides the majority of general rescue effort in the rural parts of the state. This includes road accident rescue, vertical rescue, bush search and rescue, evidence searches and other forms of specialist rescue.

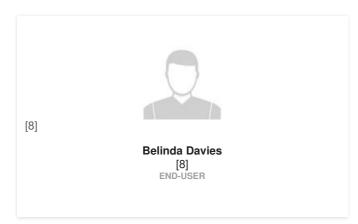
Our people



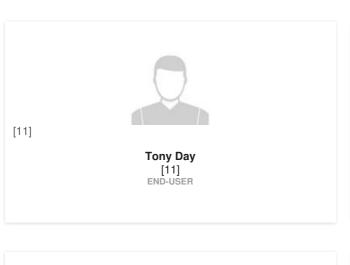


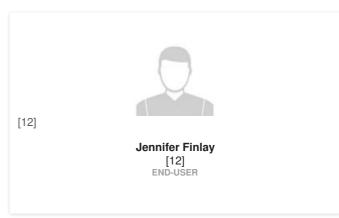


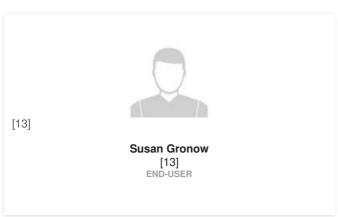




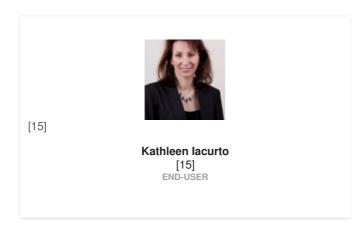




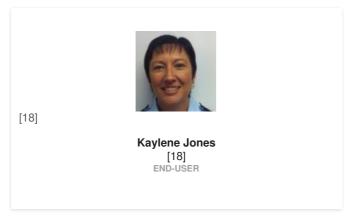










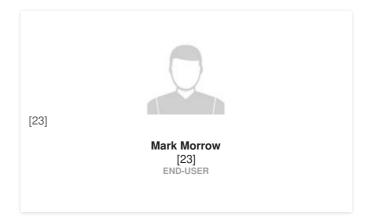








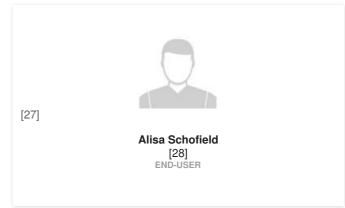
Joshua McLaren [21] END-USER [22] Marcus Morgan [22]



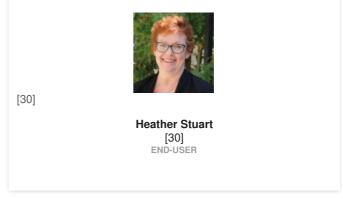














End user representation

National mental health and wellbeing study of police and emergency services [33]



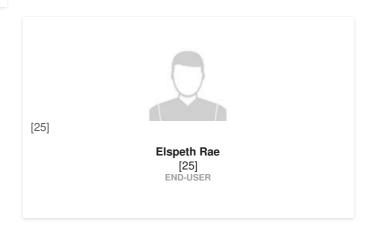
Managing animals in disasters: improving preparedness, response, and resilience through individual and organisational collaboration [34]



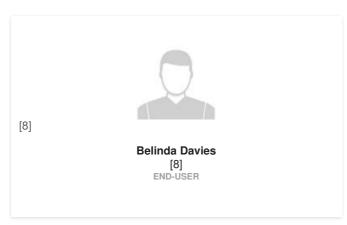
An analysis of building losses and human fatalities from natural disasters [35]



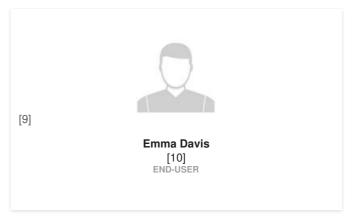




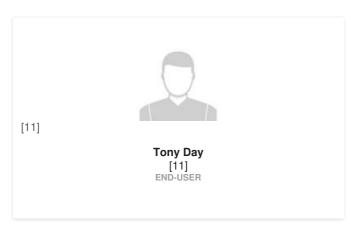
Using realistic disaster scenario analysis to understand natural hazard impacts and emergency management requirements [36]



Child-centred disaster risk reduction [37]



Impact-based forecasting for the coastal zone: East Coast Lows [38]

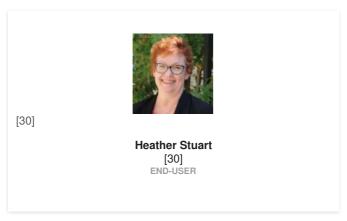


Diversity and inclusion: building strength and capability [39]

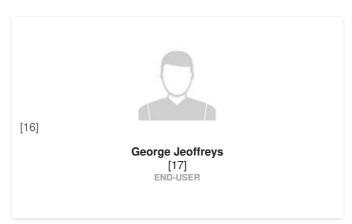


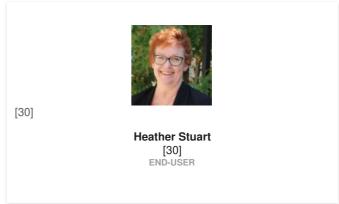
Catastrophic and cascading events: planning and capability [40]

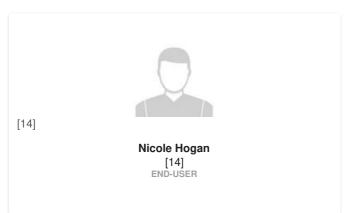
The Australian Natural Disaster Resilience Index: A system for assessing the resilience of Australian communities to natural hazards [41]

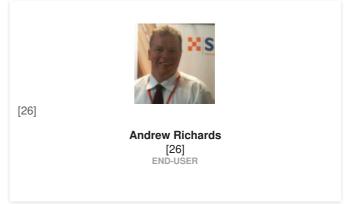




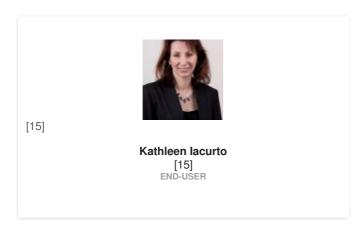




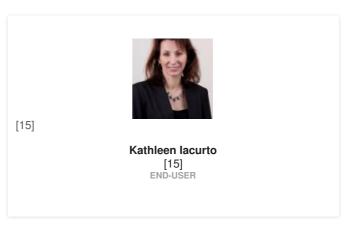


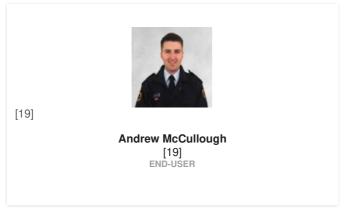


Improving the retention and engagement of volunteers in emergency service agencies [42]

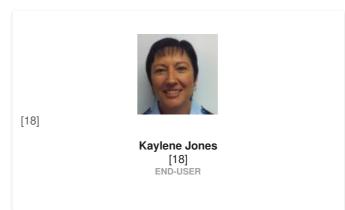


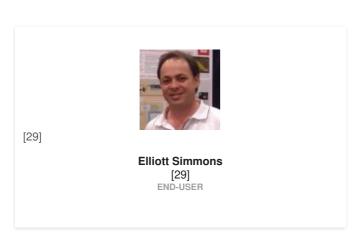
Out of uniform: building community resilience through non-traditional emergency volunteering [43]





Developing better predictions for extreme water levels [44]

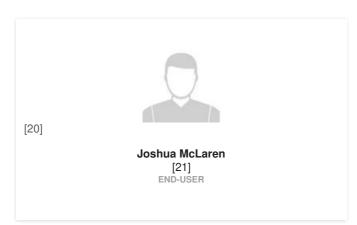


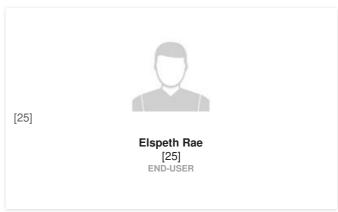


Enabling sustainable emergency volunteering [45]

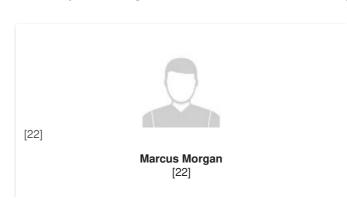


Flood risk communication [46]



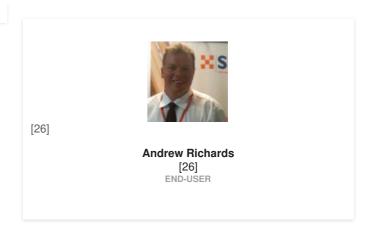


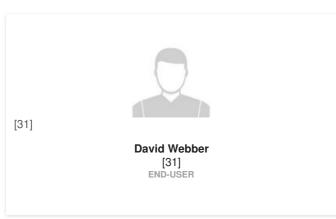
Urban planning for natural hazard mitigation [47]



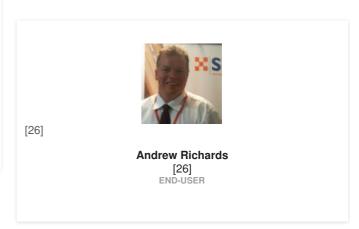
Improving the role of hazard communications in increasing residents' preparedness and response planning [48]

Why do people decide to drive through floodwater? Utilising virtual reality to assess motivations and behaviour

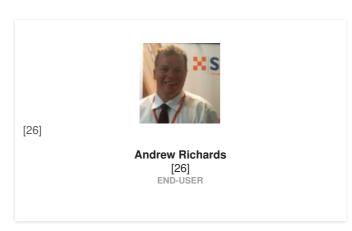




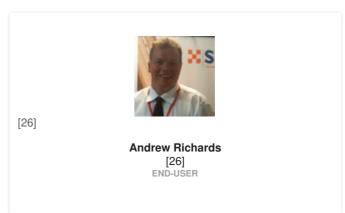
associated with driving through floodwater [49]



Connecting communities: Integration of disaster preparedness measures at household, school, and community level, using a child-centered approach [50]



Community understanding of the tsunami risk and warnings systems in Australian communities [51]



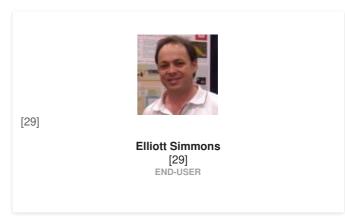
Improved predictions of severe weather to reduce community impact [52]



Improving the resilience of existing housing to severe wind events [53]

Natural hazard exposure information modelling framework [54]



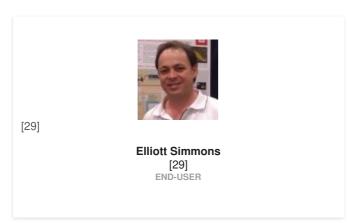




Improving flood forecast skill using remote sensing data [55]

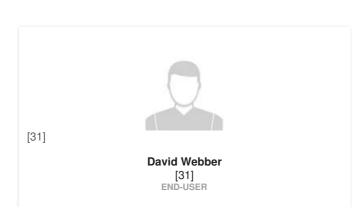


Cost-effective mitigation strategy for flood prone buildings [56]



Effective risk and warning communication during natural hazards [57]



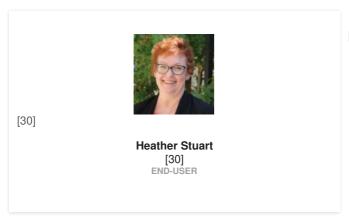


Enhancing resilience of critical road infrastructure [58]

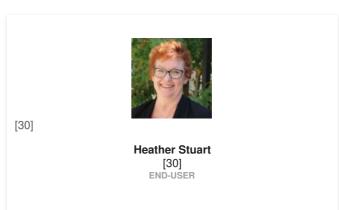


Elliott Simmons [29] END-USER

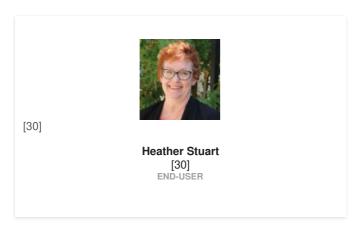
Valuing volunteers: better understanding the primary motives for volunteering in Australian emergency services [59]



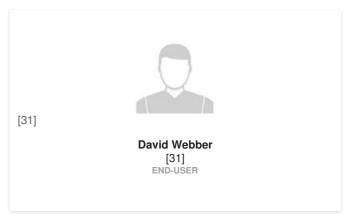
Improving decision-making in complex multi-team environments [60]



Capability needs for emergency & disaster management organisations [61]



Mapping approaches to community engagement for preparedness in Australia [62]



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