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## CONFERENCE PAPER ABSTRACT

<b>NAME OF PRESENTER:</b>	<b>E. Yarina, P. Allan, M. Bryant</b>
<b>TITLE OF PAPER:</b>	<b>The tensions of conservation and resilience: landscape as middle ground</b>
<b>THEME:</b>	<i>Theme 4: Heritage as a Pillar of Sustainable Development</i>
<b>PAPER ABSTRACT:</b>	
<p>Conservation and resilience are inextricably connected. Both are concerned with the identification and protection of core values in the face of disturbance; both recognise the importance of adaptation. Yet sometimes they produce contradictory rather than complementary outcomes. Levuka on the island of Ovalau in Fiji is a good example. In this recently listed UNESCO World Heritage Site, the conservation of buildings in a colonial port sits at odds with an indigenous culture struggling to thrive in a place beset by economic and environmental disturbance. The recent Cyclone Winston, which devastated the island, brought these contradictions to a head, prompting the question: how can the tensions between conservation and resilience be reconciled?</p> <p>While adaptive re-use is one way of encouraging conservation and resilience to coexist, if a culture is to thrive, it must be able to adapt to an ever-growing array of economic, political and environmental disturbances. The research team analysed the reciprocal relationship between culture and landscape in Levuka and its surrounding settlements. Using a design research methodology, we discovered that where built fabric needs to be conserved, peri urban and interstitial urban places can act as useful alternative sites for adaptation. This protects built fabric while encouraging culture and landscape to co-evolve and allows for a quicker response to fast shocks like hurricanes, earthquakes and floods. It also buys time for the slower adaptive cycles of protected built fabric. In this way, landscape emerges as a potential middle ground between the tensions of conservation and resilience.</p>	
<b>BRIEF BIOGRAPHICAL INFORMATION ABOUT THE PRESENTER:</b>	
<p>Lizzie Yarina is a Research Associate at the MIT Urban Risk Lab where she is involved with multiple projects which investigate disaster preparedness and response in the built environment. Her personal research focuses on climate change risk and displacement. She recently completed a one year Fulbright research grant in New Zealand, studying the spatial implications of climate change migration. Penny Allan is a Professor of Landscape Architecture at UTS. Her most recent design research projects, MOVED to Design, Earthquake Cities of the Pacific Rim, and Rae ki te Rae, deal with the relationship between environment, culture, resilience and design. All received national awards Professor Martin Bryant is head of UTS Architecture. He is a landscape architect, architect and urban designer with more than three decade's experience in private practice and academia.</p>	