

RESEARCH ADVISORY FORUM

BUSHFIRE AND NATURAL HAZARDS CRC



Queensland University of Technology
Gardens Point Campus - Z Block
2 George St, Brisbane City

TIME	MAIN AUDITORIUM Z303	BREAKOUT Z306	BREAKOUT Z302
8:30	Registration		
9:00	Opening: including Deputy Commissioner Mike Wassing, QFES		
9:30	Marta Yebra: Mapping bushfire hazard and impacts		
9:45	Valentijn Pauwels: Improving flood forecast skill using remote sensing data		
10:00	3-minute thesis: Rahul Wadhvani		
10:05	Trent Penman: Threshold conditions for extreme fire behaviour		
10:20	Morning tea (room Z309)		
10:40	Karin Reinke: Fire surveillance and hazard mapping		
10:55	Tariq Maqsood: Cost-effective mitigation strategy development for flood-prone buildings		
11:10	Michael Griffith: Cost-effective mitigation strategy development for building related earthquake risk		
11:25	3-minute thesis: Nicolas Borchers Arriagada		
11:30	Graeme Riddell: Decision support system for optimal natural hazard mitigation		
11:45	Alan March: Urban planning for natural hazard mitigation		
12:00	Paul Fox-Hughes: Improving land dryness measures and forecasts		
12:15	3-minute thesis: Mitchell Humphreys		
12:20	Jeff Kepert: Coupled fire-atmosphere modelling		
12:35	Harald Richter: Forecasting impact for severe weather		
12:50	Lunch (room Z309)		
13:45		Fire surveillance and hazard mapping	Cost-effective mitigation strategy development for flood-prone buildings
14:30		Threshold conditions for extreme fire behaviour	Improving flood forecast skill using remote sensing data
15:15	Afternoon tea (room Z309)		
15:30		Mapping bushfire hazards and impacts	Cost-effective mitigation strategy development for building related earthquake risk
16:15		Improving land dryness measures and forecasts	Forecasting impact for severe weather
17:00		Coupled fire-atmosphere modelling	
18:00	Networking Function: The Gibson Room, Level 10		

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TIME	MAIN AUDITORIUM Z303	BREAKOUT Z306	BREAKOUT Z302	BREAKOUT Z301
8:00	Welcome tea & coffee (room Z309)			
8:30	Matthew Hayne: Utilisation session			
9:15	QUT research showcase			
10:00	<p>Tina Bell: Optimisation of fuel reduction burning regimes</p>			
10:15	<p>Owen Price: Delivering effective prescribed burning across Australian ecosystems</p>			
10:30	<p>Andrew Edwards: Tools supporting fire management in northern Australia</p>			
10:45	<p>John Ginger: Improving the resilience of existing housing to severe wind events & end user presentation</p>			
11:00	<p>Sujeeva Setunge: Enhancing resilience of critical road infrastructure & end user presentation</p>			
11:15	Morning tea (room Z309)			
11:30	<p>Jeff Kepert: Improved predictions of severe weather to reduce community impact</p>			
11:45	<p>Khalid Moinuddin: Fire spread prediction across fuel types</p>			
12:00	<p>Jason Sharples: Fire coalescence and mass spot fire dynamics</p>			
12:15	<p>Sarah Harris: A guide to develop bushfire case studies - A case study of cropland fires</p>			
12:30	John Bates: RAF Presentations Close			
12:45	Lunch (room Z309)			
13:30		<p>Fire spread prediction across fuel types</p>	<p>Improved predictions of severe weather to reduce community impact</p>	<p>Optimisation of fuel reduction burning regimes</p>
14:15		<p>Fire coalescence and mass spot fire dynamics</p>	<p>Improving the resilience of existing housing to severe wind events</p>	<p>Delivering effective prescribed burning across Australian ecosystems</p>
15:00			<p>Enhancing resilience of critical road infrastructure</p>	<p>Tools supporting fire management in northern Australia</p>
15:45	Close			