



## Research Advisory Forum

Queensland University of Technology (QUT)

**Gardens Point Campus**

**Room: GP – B 117**

Musgrave Lane , Brisbane QLD 4001

### Main Room Presentations

#### Day 1 - Tuesday 17 November 2015

Time	Activity / Speaker	Title
8:30	<b>Arrival tea &amp; coffee - D Block</b>	
9:00	<b>Registrations - B Block</b>	
9:30	Introduction	Dr Richard Thornton, CEO Dr Michael Rumsewicz, Research Manager Dr Matthew Hayne, Research Utilisation Manager David Bruce, Communications Manager
10:00	Jason Sharples	Dynamic modelling of fire coalescence
10:30	Khalid Moinuddin	Fire spread prediction across fuel types (Project Leader – Graham Thorpe)
11:00	<b>Morning Tea &amp; Coffee - D Block</b>	
11:30	Thomas Duff	Determining threshold conditions for extreme fire behaviour
12:00	Jeff Kepert / Mika Peace (TBC)	Coupled Fire-Atmosphere Modelling
12:30	Ross Bradstock	From hectares to tailor-made solutions for risk mitigation: systems to deliver effective prescribed burning across Australian ecosystems
1:00	<b>Lunch</b>	
2:00	Malcolm Possell	Optimisation of fuel reduction burning regimes: an update (Project Leader - Tina Bell)
2:30	Jeremy Russell-Smith	Risks and opportunities for sustainable savanna fire management
3:00	<b>Afternoon Tea &amp; Coffee - D Block</b>	
3:30	Imtiaz Dharssi	Verification of traditional soil dryness indices using observations
4:00	Karin Reinke	Disaster Landscape Attribution: Fire Surveillance and Hazard Mapping (Project Leader - Simon Jones)
4:30	Marta Yebra	Mapping bushfire hazard and impacts (Project Leader(s) - Albert van Dijk and Marta Yebra)
5:00	Day one of the RAF concludes	
5:30 - 7:30	<b>BNHCRC social gathering for all RAF participants at QUT ThreeSixty Room – Y Block</b>	

*\*Agenda subject to change*



## Day 2 - Wednesday 18 November 2015

Time	Activity / Speaker	Title
8:00	<b>Arrival Tea &amp; Coffee - D Block</b>	
	<b>Registration - D Block</b>	
8:30	Jeff Kepert	Improved predictions of severe weather to reduce community impact
9:00	Stefania Grimaldi	Improving flood forecast skill using remote sensing data (Project Leader – Valentijn Pauwels)
9:30	<b>Intro to 3 minute thesis - Lyndsey Wright</b>	
9:35	Melanie Baker – Jones, PhD Student 3MT presentation	
9:40	Chris Thomas, PhD Student 3MT presentation	
9:45	Darryl Dixon, PhD Student 3MT presentation	
9:50	<b>Morning Tea &amp; Coffee - D Block</b>	
10:20	Chari Pattiaratchi	Developing better predictions for extreme water levels
10:50	Scott Nichol	Resilience to clustered disaster events on the coast - storm surge
11:20	<b>Move to Cube Building for the AEMI Launch</b>	
11:30	<b>Attorney Generals Department – AEMI Launch - QUT Cube building</b>	
12:15	<b>Lunch - QUT Cube building</b>	
1:00	Michael Griffith/Hing-Ho Tsang	Progress report and future plans for earthquake mitigation strategy for buildings
1:30	Tariq Maqsood	Cost-effective mitigation strategy development for flood prone buildings
2:00	<b>Afternoon Tea &amp; Coffee - D Block</b>	
2:30	Daniel Smith	Classification of house types, damage and retrofitting (Project Leaders - David Henderson and John Ginger)
3:00	Sujeeva Setunge and Hessam Mohseni	Enhancing resilience of critical road structures: bridges, culverts and floodways under natural hazards
3:30	Krishna Nadimpalli	Natural Hazard Exposure Information Framework
4:00	<b>BNHCRC RAF concludes</b>	

***\*Agenda subject to change***