

Research Advisory Forum

Predictive services

17 OCT 2019 | NSW Rural Fire Service
Headquarters
4 Murray Rose Avenue,
Sydney Olympic Park

Networking function: Wednesday 16 Oct 2019 | 6:00pm – 8:00pm | The Brewery, 11 Olympic Blvd, Sydney Olympic Park NSW

ITEM	PRESENTER
8:30	Registration
	Welcome tea & coffee
9:00	Opening & housekeeping
	RFS Rep Welcome
9:10	Overview and expectations
	Stuart Matthews (NSWRFS)
	Setting the scene
	Noreen Krusel (AFAC)
9:40	Presentations – order not yet finalised
	JASMIN – soil moisture
	Paul Fox-Hughes (BoM)
	SMERF – savannah monitoring, evaluation & reporting
	Andrew Edwards (CDU)
	AFMS – live fuel moisture
	Marta Yebra (ANU)
	Fire Surveillance - 3D mapping and Hotspots)
	Karin Renkie and Simon Jones (RMIT)
10:40	Morning tea
11:00	Presentations (cont.)
	Mass Coalescence & spotfire dynamics
	Jason Sharples (UNSW)
	Fire spread prediction
	Nazmul Khan and Mahmood Rashid (VU)
	Thresholds for extreme fire behaviours
	Trent Penman (Melb Uni)
11:45	Digital Earth Australia
	Norman Mueller (Geoscience Australia)
12:15	Lunch
1:00	Discussion and explanation of breakout groups
	Stuart Matthews (NSWRFS)
1:15	Two Breakout Groups
	Group Leaders
	Groups to explore what is needed to integrate newly developed tools, knowledge and capabilities into operational activities:
	• Remote sensing (soil moisture, fuel moisture, hotspots, fuel load)
	Simon Heemstra (NSW RFS)
	• Extreme fire behaviours in the field
	Andrew Sturgess (QFES)
2.45	Afternoon tea
3:00	Identified utilisation pathways:
	• Key opportunities
	• Pathways to operational use
	• Key supporters and decision makers
	Stuart Matthews (NSW RFS) and Group leaders
3:30	Floor discussion:
	• Have we missed any opportunities to take research outcomes into operations?
	• Are there additional benefits and opportunities in identified activities?
	• Are there other related / complementary capabilities not captured here?
	Stuart Matthews (NSWRFS)
4:10	Closing statement / Next steps
	John Bates (BNHCRC)