PRESCRIBED BURNING CLUSTER

THE PROJECTS

From hectares to tailor-made solutions for risk mitigation

Prof Ross Bradstock – University of Wollongong

Optimisation of fuel reduction burning regimes for fuel reduction, carbon, water and vegetation outcomes

A/Prof Tina Bell – University of Sydney

Savanna Fire Management and Bushfire and natural Hazard Scenario Planning for Northern Australia

Adj Prof Jeremy Russell-Smith –Charles Darwin University

WHAT ARE WE TRYING TO UNDERSTAND

1) How to incorporate trade-offs between community safety, asset protection, ecosystem services and land management goals in designing and implementing fire regimes and effective prescribed burning across different landscapes

2) How to develop sustainable fire management in remote and regional Australia under different land management regimes and climate change scenarios, focusing on the capacity and resilience of Indigenous communities across northern Australia.

3) How will climate change affect fire regimes and bushfire risk across Australia? How should land managers adjust their current fire management and prescribed burning programs to account for future scenarios?