Darwin Centre for Bushfire Research (DCBR)

2017
Darwin Centre for Bushfire Research

- Located at Charles Darwin University
- New three year agreement with CDU
- 2017 – 2020
NAFI

Map Viewer

Data query and visualisation tools

Data analysis tools

Training & Support
Bushfires and Natural Hazards CRC
Building Community Resilience:
Payments for Ecosystem Services

Indigenous engagement through the Aboriginal Research Practitioners Network

- Scoping North Australian Remote Communities
- Developing Governance Models
- Participatory Planning
- Preliminary Assessments of the value of PES
Methods Development

Living biomass sequestration

Fire Severity

Curing

Vegetation Fuel Mapping
Pindan

- Fieldwork undertaken in 2016
- Additional work required for seasonality of patchiness and combustion
- Good fuel accumulation relationships with time since last fire
- Map of area almost complete
Training

- North Australia Bushfire and Natural Hazard training CRC program
- Curing and fuel load field measurement training
- Fire behaviour simulations with Indigenous and Park Ranger staff in Northern Territory

Digital mapping tools & spatial information for fire management
Students

Kate Van Wezel - Remote indigenous women’s involvement in fire management

Grigorijs Goldbergs - Biomass from LiDAR up to broad scale

Sun Jing - Fine scale operational urban burnt area mapping