

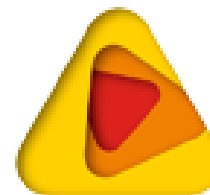
Bushfire and Natural Hazards Cooperative Research Centre

Cluster: Scenario planning for remote community risk management in northern Australia

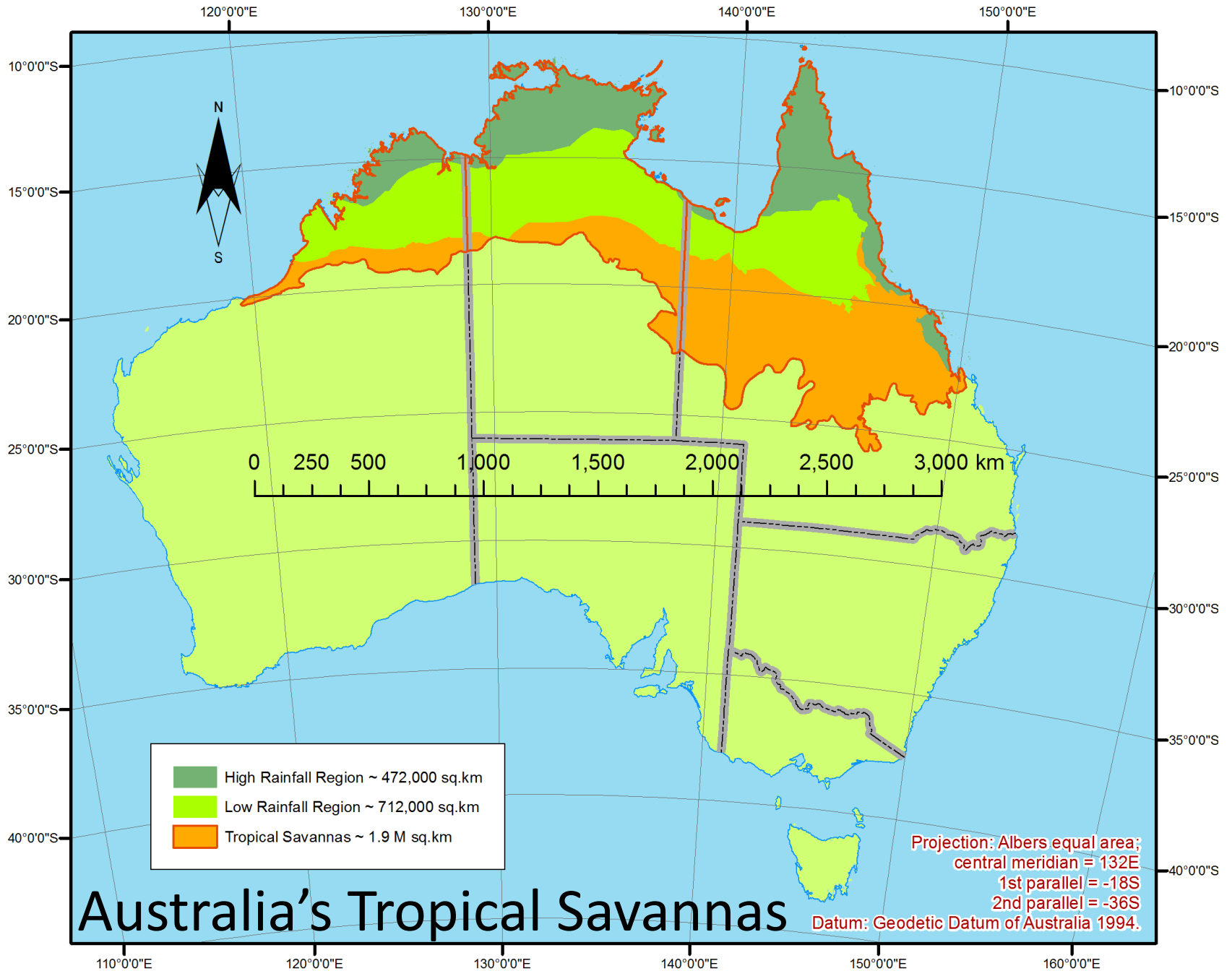
Project: Savanna Fire Management and Bushfire and Natural Hazard
Scenario Planning for North Australia

Project Leader: Adjunct Professor Dr Jeremy Russell-Smith

Researcher: Dr Andrew Edwards Research Fellow (Bushfires)

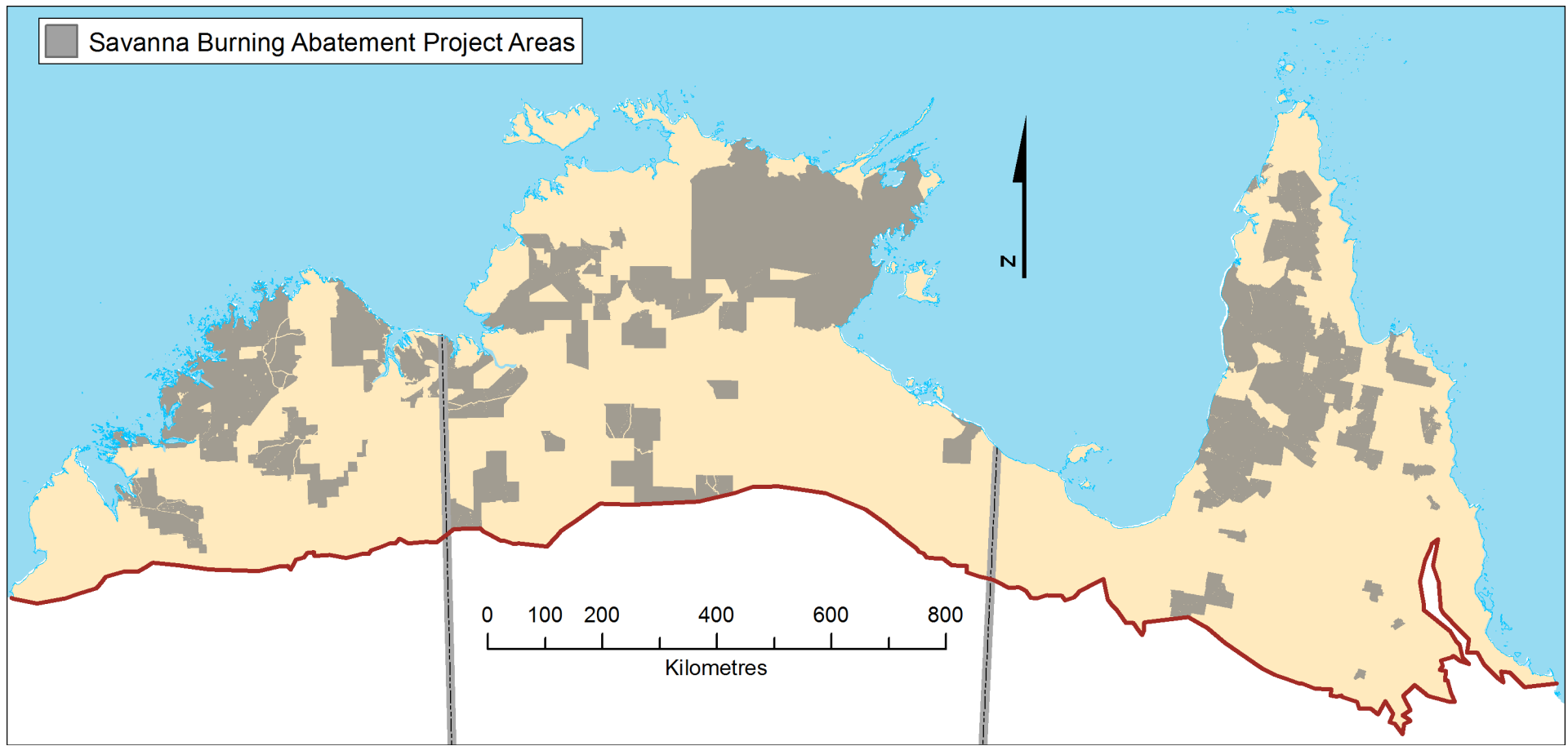


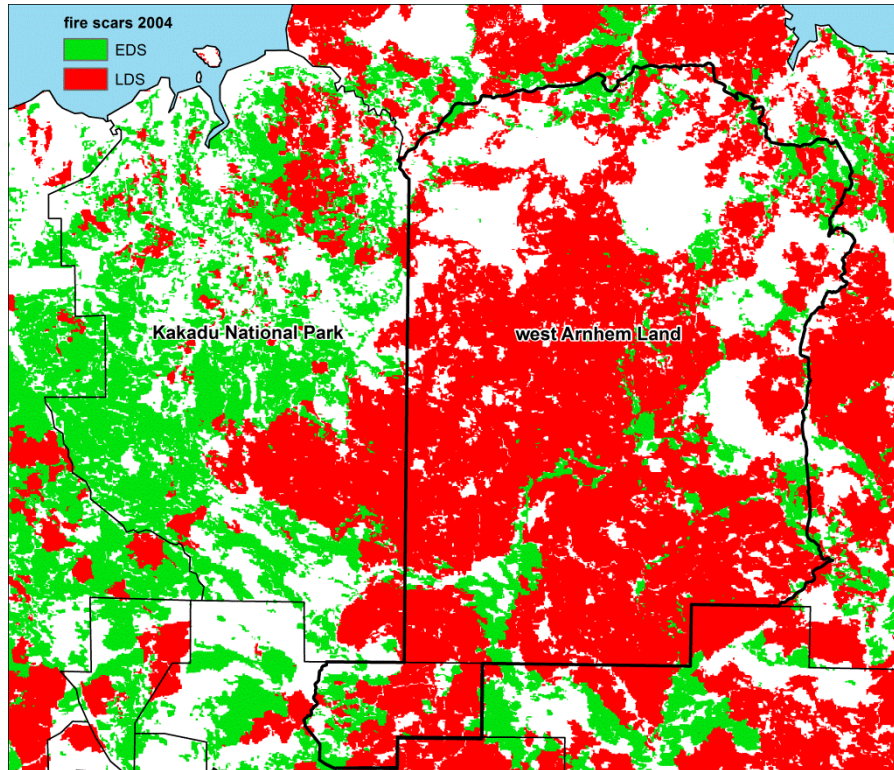
bushfire&natural
HAZARDSCRC



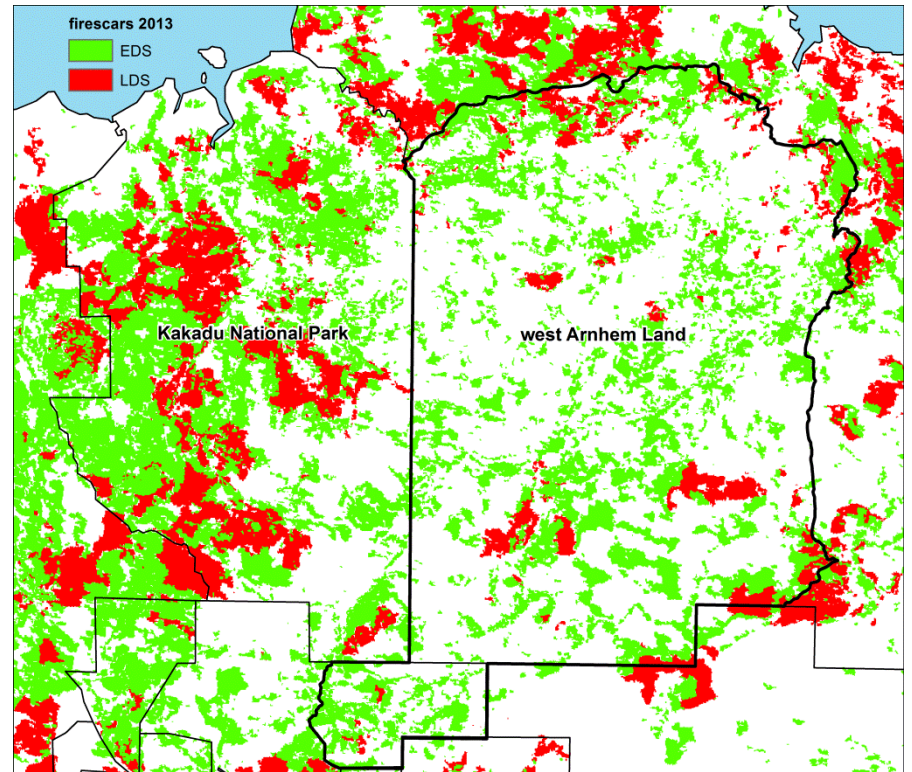
Australia's Tropical Savannas

■ Savanna Burning Abatement Project Areas

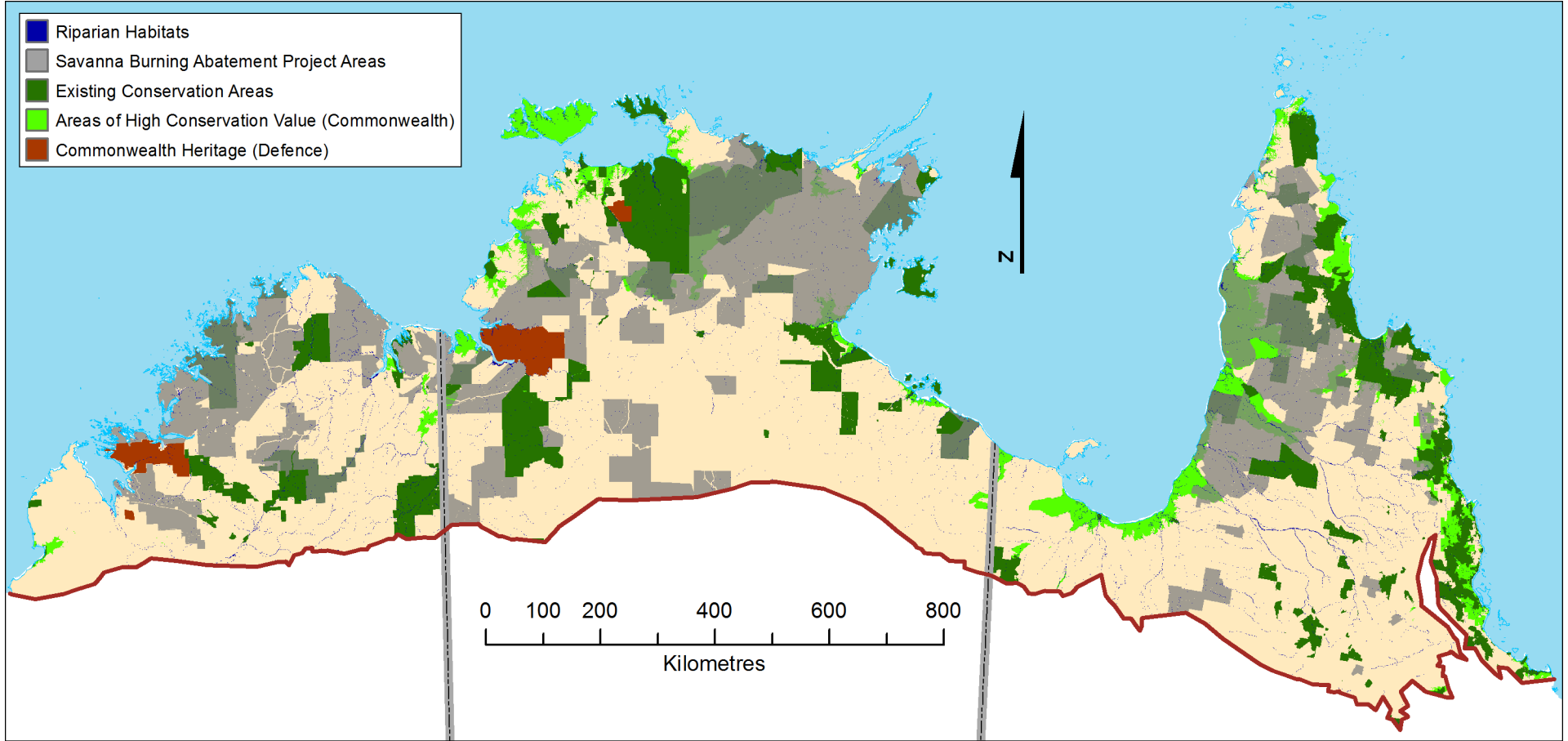
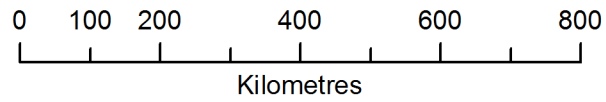


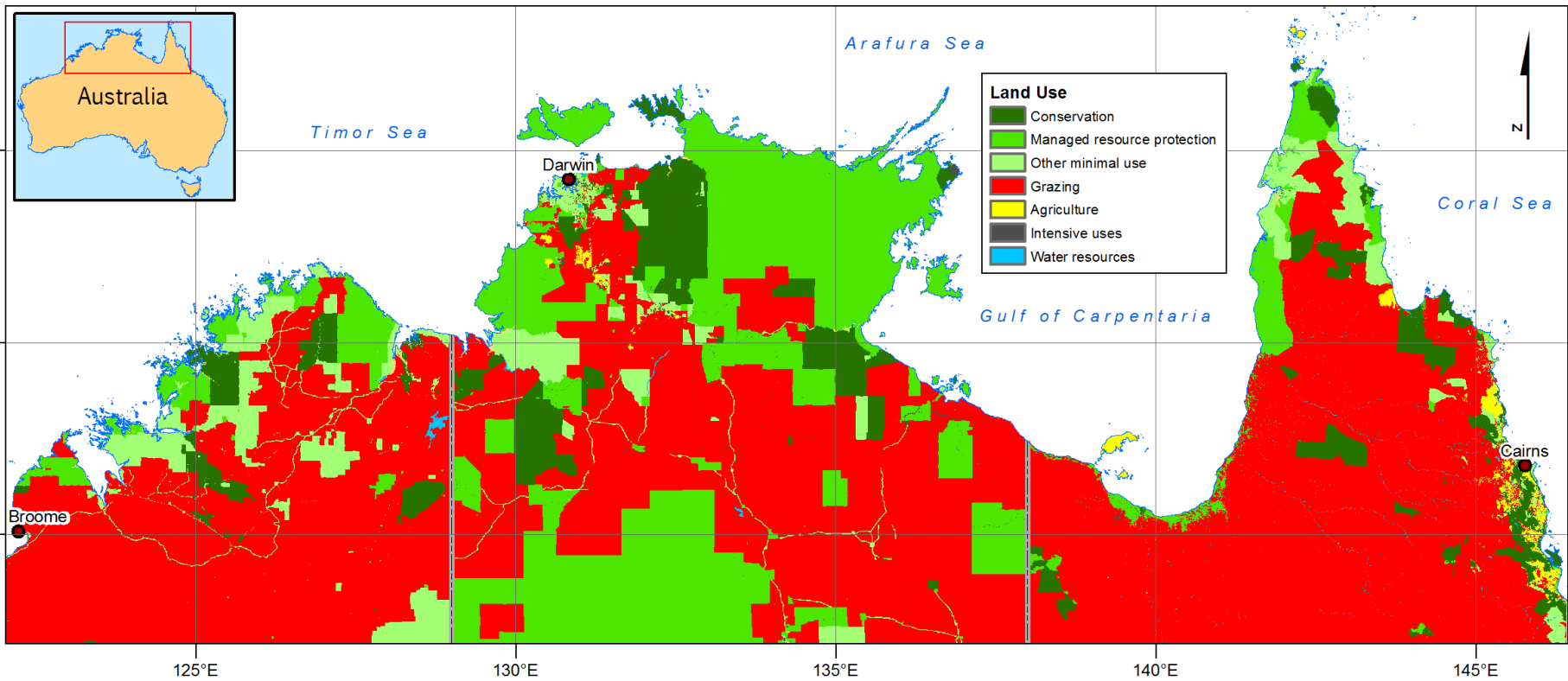


Improved fire management example...

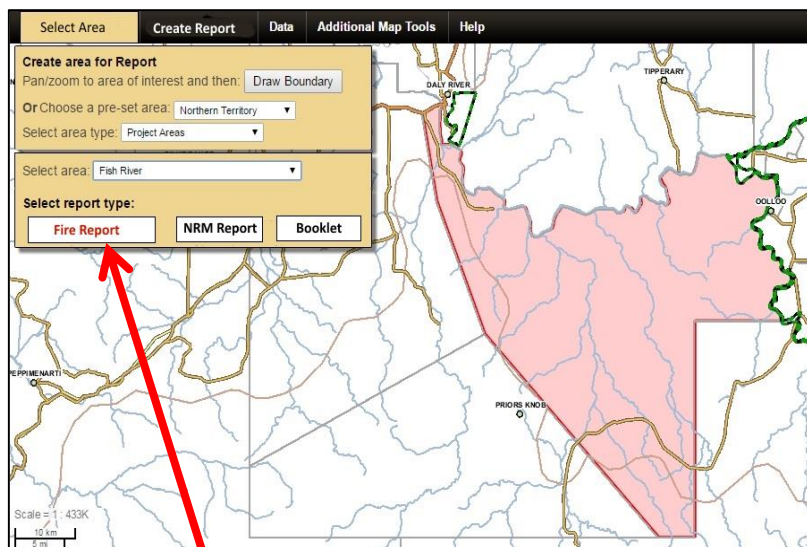


- Riparian Habitats
- Savanna Burning Abatement Project Areas
- Existing Conservation Areas
- Areas of High Conservation Value (Commonwealth)
- Commonwealth Heritage (Defence)





Savanna Monitoring & Evaluation Reporting Framework (SMERF)



The screenshot shows the 'Create Report' section of the SMERF web application. It includes the following sections:

- 1 SELECT BASELINE OR PROJECT PERIOD OR SINGLE YEAR**
 - 2000 - 2009 ▼
 - 2010 - 2015 ▼
 - 2000 ▼
- 2 SELECT AREA TYPE**
 - Entire area
 - Sandstone Heath
 - Rainforest
 - Riparian areas
 - Small Mammal habitat
- 3 SELECT ANALYSES (You can choose more than one):**
 - FREQUENCY**
 - Fire Frequency (whole year)
 - Late Fire Frequency (after July 31)
 - Early Fire Frequency (before July 31)
 - TIME SINCE BURNT & PATCHINESS**
 - Year since last burnt
 - Long unburnt patches
 - Patchiness mix
 - SEASONALITY**
 - EDS, LDS & Total area burnt
 - Area Burnt by month
- 4**
 - Create final report
 - OR
 - Add another analysis



Darwin Centre for Bushfire Research

Research Institute for Environment and Livelihoods

Charles **D**arwin **U**niversity