



bushfire&natural
HAZARDSCRC

FIRE (& NH) MANAGEMENT TRAINING FOR NORTHERN AUSTRALIA

Steve Sutton

Darwin Centre for Bushfire Research,
Research Institute for the Environment & Livelihoods
Charles Darwin University, Northern Territory



An Australian Government Initiative



THE NORTH AUSTRALIAN BNH CONTEXT

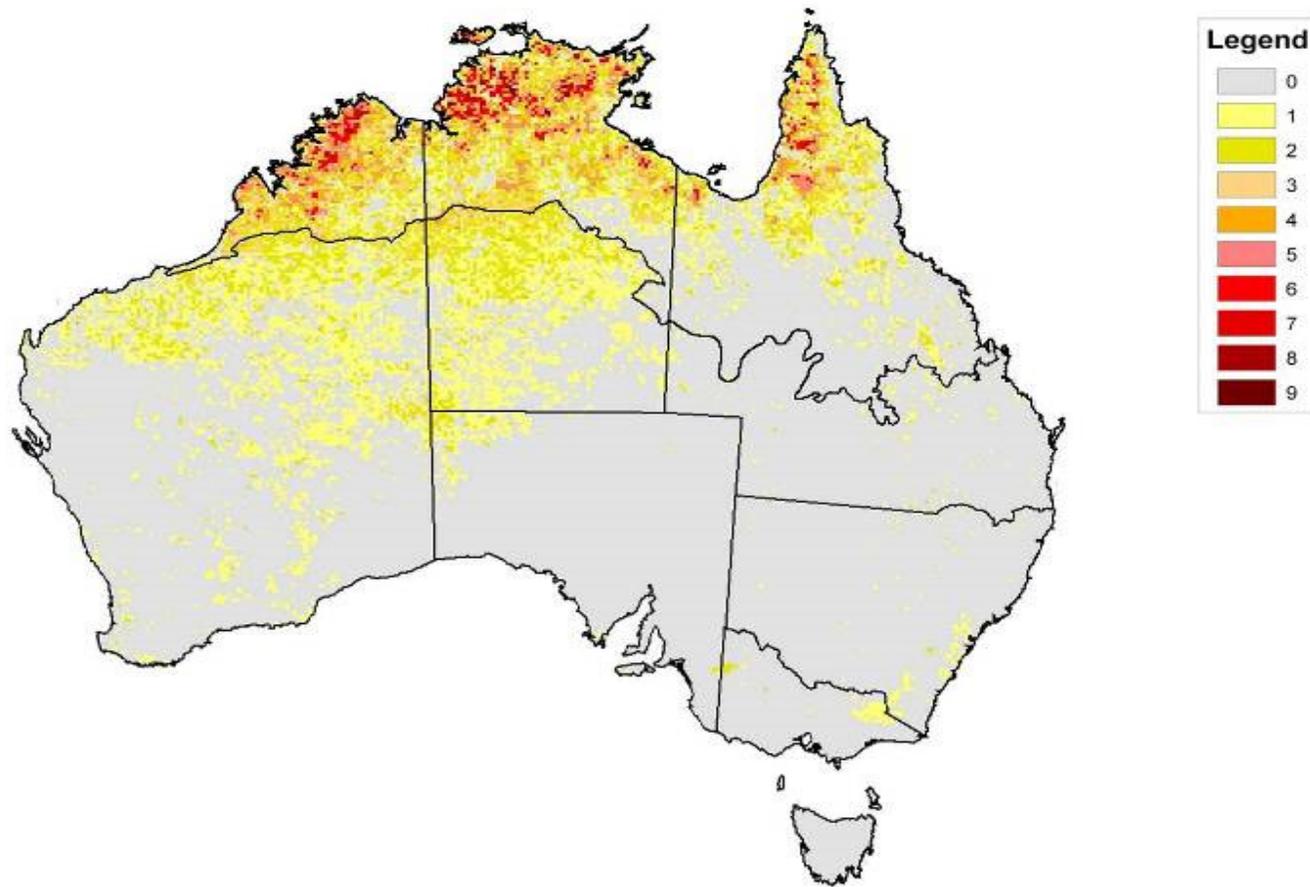
360,000 People

- + Communities from 'outer regional' to 'very remote'.
- + Remote communities mostly inhabited by indigenous Australians (% rises with remoteness)
- + Poor infrastructure
- + Disconnect with emergency management paradigm
- + Poor infrastructure
- + Low population densities
- + Poor communications
- + Low levels of formal education and training
- + Limited labour market experience
- + Poor health

} The "Gap"

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- = Almost no formal emergency management capacity
 - = No spare capacity to fall back on
 - = No "Plan B"
 - = Very limited community resilience

NORTH AUSTRALIAN FIRE MANAGEMENT TRAINING – CONTEXT 1



NORTH AUSTRALIAN FIRE MANAGEMENT TRAINING – CONTEXT 2

1) Fire Management Training Objectives?

Southern Australia (now)	Northern Australia (future)
<ul style="list-style-type: none">• Respond to fire safely• Control fires when they occur• Survive the fire season / regime	<ul style="list-style-type: none">• As for southern Australia <p style="text-align: center;">+</p> <ul style="list-style-type: none">• Manage landscape scale fire regimes to achieve desired outcomes

NORTH AUSTRALIAN FIRE MANAGEMENT TRAINING – CONTEXT 3

	Southern Australia	Northern Australia
Infrastructure	Well developed: 150 years + of investment	Poorly developed, very expensive to build & maintain
Human Capital	Substantial, networked, educated	Unreliable at best
Communication	Common language and axioms	Diverse languages, non-english, different cultures
Tenure	Extensive private and public land	Extensive Aboriginal land
Technology	Access to latest innovations	Improving access to new technology
Fire	Mostly limited in extent	Mostly extensive
Governance	Iterated governance arrangements	Poor or contested governance arrangements

NORTH AUSTRALIAN FIRE MANAGEMENT TRAINING – CONTEXT 4

Axioms? Cf Kunwinggku Seasons...

January February	March April	May	June July August	September October	November December
Gudjelk	Banggerreng	Yegge	Wurrngeng	Gurrung	Gunnemeleng
Main part of wet rains	Last rains Drying out	Early dry cold time	Middle dry Eucalypt flowering Burning time	Early build-up Hot and sticky	The build-up First rains

NORTH AUSTRALIAN FIRE MANAGEMENT TRAINING – CONTEXT 5



NORTH AUSTRALIAN FIRE MANAGEMENT TRAINING – CONTEXT 6



NORTH AUSTRALIAN FIRE MANAGEMENT TRAINING

Objective:

A comprehensive suite of fire and natural hazard emergency management units of competency for northern Australia and remote communities in particular with:

- Enhanced and targeted leadership training for remote indigenous communities.
- Integration of research findings with BNH service delivery.
- Transformative education opportunities from engagement between researchers and practitioners.
- Clear opportunities for government investment in programs that will generate objectives without perverse outcomes.

NORTH AUSTRALIAN FIRE MANAGEMENT TRAINING

Major Outcome

A cohort of people with skills and knowledge to control fire in order to manage a fire regime within a landscape to achieve specific objectives.

- Enhanced and targeted leadership training for remote indigenous communities.
- Integration of research findings with BNH service delivery.
- Transformative education opportunities from engagement between researchers and practitioners.
- Clear opportunities for government investment in programs that will generate objectives without perverse outcomes.

NORTH AUSTRALIAN FIRE MANAGEMENT TRAINING

1) Project Team

Research Institute of Environment and Livelihoods,
Charles Darwin University;
Professor Andrew Campbell
Dr Peter Jacklyn,

The Northern Institute; Professor Ruth Wallace

The Northern Land Council
Mr Joe Morrison
Mr Brooke Watson

Charles Darwin University VET: Dennis Tonkin

NT Primary Industries Training Advisory Council: Vicki Aurisch,

Batchelor Institute of Indigenous Tertiary Education:
Dr Tony Bowland

Bushfires NT: Ken Baulch
NT Fire and Rescue Service : Bruce Byatt

Kimberly Land Council: Anna Pickworth

WA Parks and Wildlife : Trevor Howard,

