

## Measuring House Loss Risk at the Interface

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CSIRO - Bushfire Research

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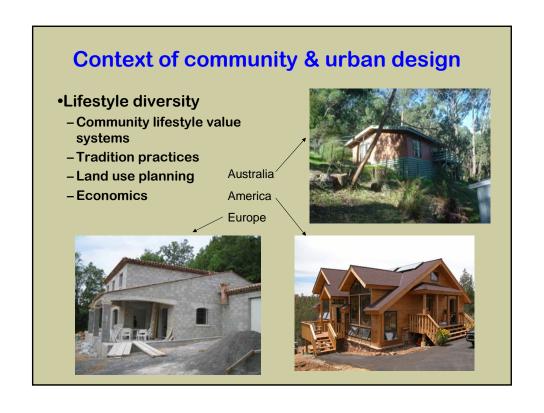


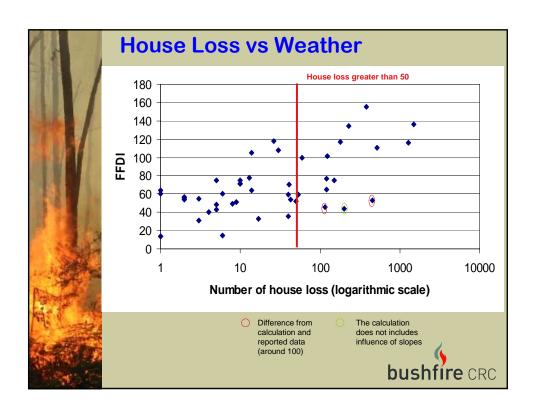
## Context

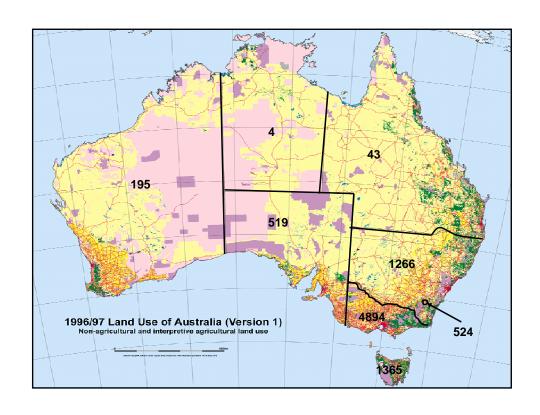
- Objective to define a safe space for the occupant during the main fire impact
  - House become an envelop around this safe space

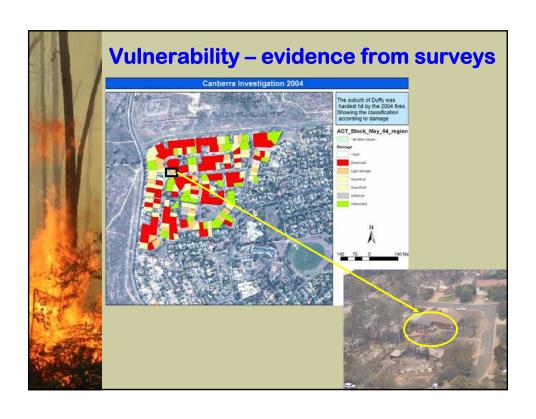


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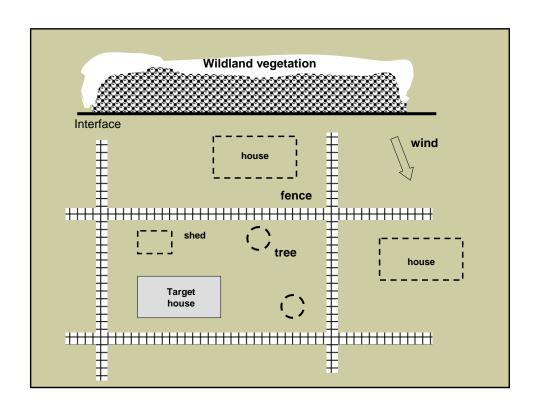


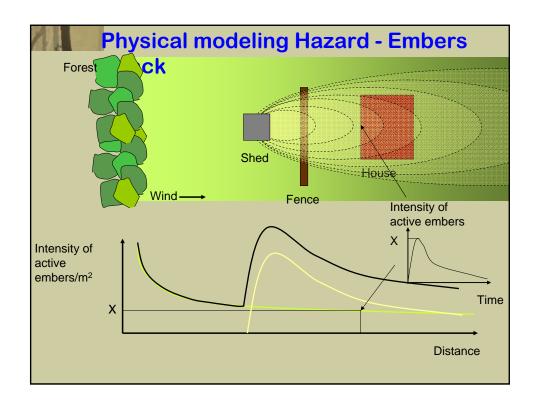


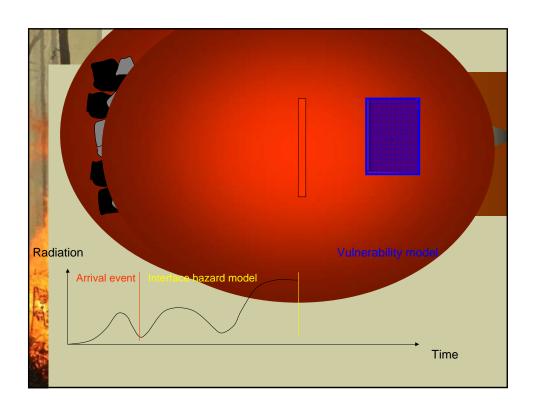
















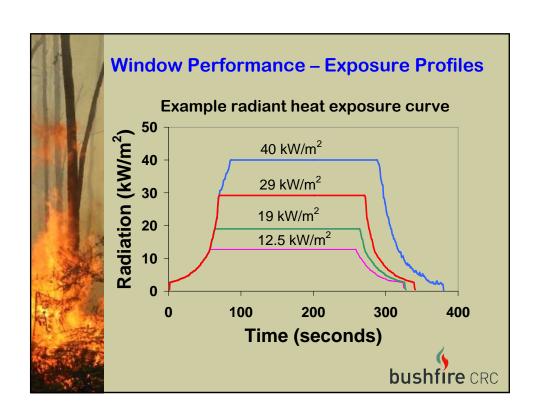


Brushwood fence impact on houses

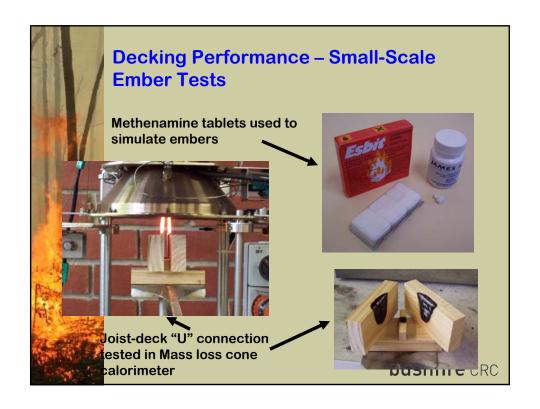














le <mark>chanism</mark>	Items ignited	Ignitions
mbers only	Timber decks	13
	Eave fascia boards and or gutters	9
	Timber window frames	6
	Rough saws western red cedar cladding	5
	Timber door frames	4
	Exposed timber beams (eave structure)	4
	Timber shingle roofs	2
100	Timber stairs	2
	Coir door mat	2
	Plastic roof panel	2
	Bitumen roof membrane	1
	Canvas awning	1
	Toilet roil (ember entry through unscreened window)	1

gnition Mechanism	Items ignited	Ignitions
mbers with fence adiation assisting r causing opening	Contents via broken window	2
li.	Timber window frame	2
	Timber door frame	2
	Eave fascia boards and or gutters	1
total		7

nition Mechanism	Items ignited	Ignitions
Embers with adjacent house radiation assisting or causing opening	Eave fascia boards and or gutters	5
a de la companya de l	Timber window frame	4
	Contents via broken window	2
total		11

