

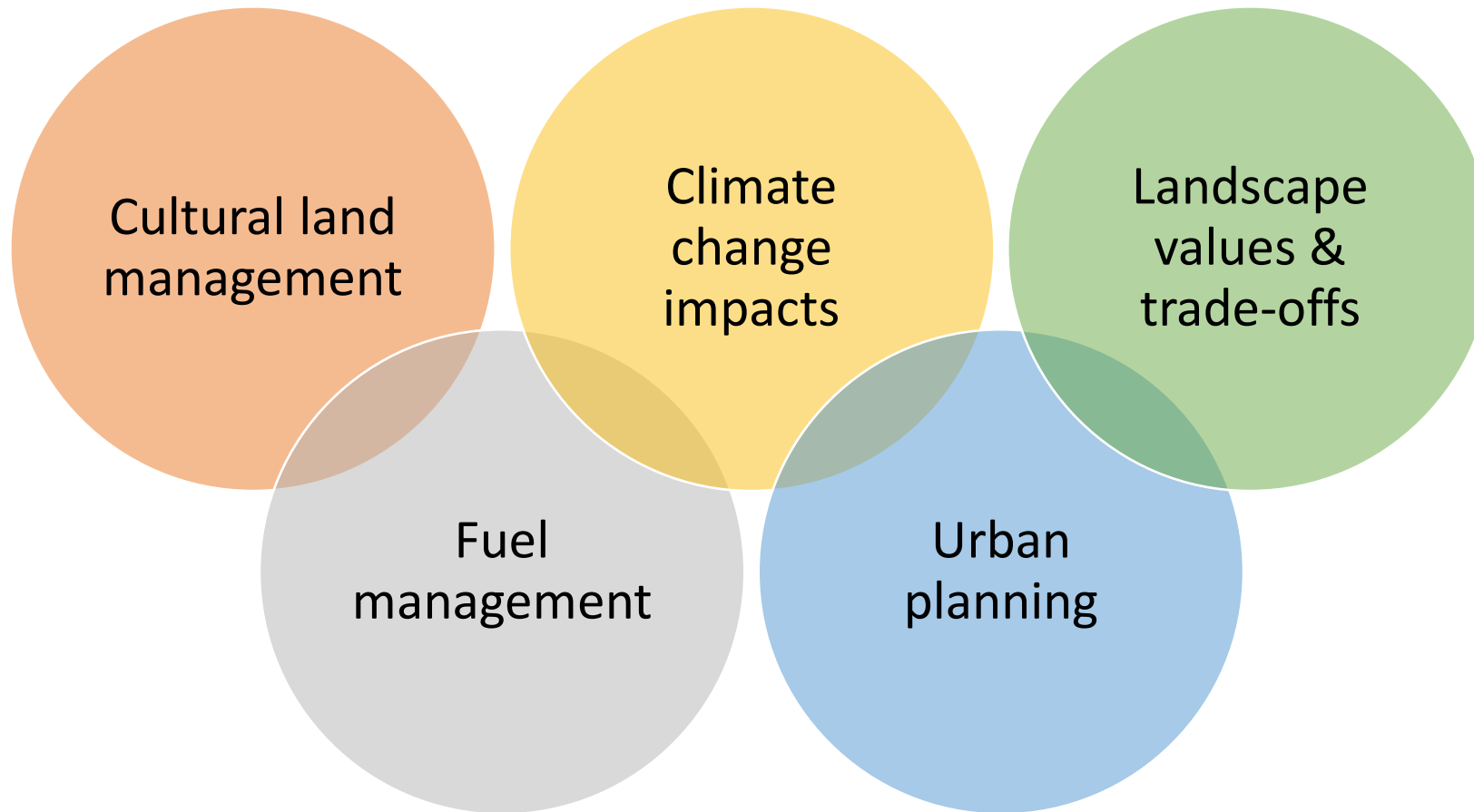
Natural Hazards Research Australia

SUSTAINABLE, SAFE, HEALTHY LANDSCAPES IN A CHANGING ENVIRONMENT: Research Context

Blythe McLennan

24 August 2021 | 11am-3pm AEST

Research areas



Vanessa's Story

POSTER
2/6



"I'VE ALWAYS BEEN KEEN TO PROMOTE ABORIGINAL WOMEN'S EMPOWERMENT AND ENGAGEMENT IN Caring FOR COUNTRY."

STATISTICALLY THERE ARE FEWER ABORIGINAL WOMEN IN PAID EMPLOYMENT IN Caring FOR COUNTRY ROLES THAN MEN, AND CURRENTLY THE MAJORITY OF VOICES GUIDING CULTURAL BURNING PROGRAMS ARE MALE.

IT'S IMPORTANT TO RAISE ABORIGINAL WOMEN'S VOICES SO THAT WE HEAR FROM WOMEN HERE TODAY, AS WELL AS THE VOICES OF OUR BABINJIS, OUR FEMALE ANCESTORS.

AT NATIONAL PARKS I COMPLETED FIREFIGHTING TRAINING AND ATTENDED MANY DIFFERENT FIRE EVENTS. THEN LATER THROUGH CULTURAL BURNING WORKSHOPS I LEARNED ABOUT APPLYING FIRE TO ENHANCE THE LANDSCAPE, RATHER THAN JUST REDUCING A HAZARD RISK FOR HUMANS. AFTER THE BLACK SUMMER FIRES, MUCH PUBLIC INTEREST IN CULTURAL BURNING REALLY TOOK OFF, BUT THIS IS NOT ABOUT ABORIGINAL PEOPLE GIVING KNOWLEDGE TO NON-ABORIGINAL PEOPLE AND THAT'S THE END OF THE STORY. IT NEEDS TO BE A FAIR AND JUST PROCESS, WITH ABORIGINAL LEADERSHIP.

THROUGH MY RESEARCH I UNDERSTAND SOME OF THE GENDERED SENSITIVITIES ABOUT PLACES IN THE LANDSCAPE AND SHARED COMMUNITY ROLES. FOR SOME GROUPS AND NATIONS IN NEW SOUTH WALES, ABORIGINAL WOMEN DON'T OR DIDN'T PARTICIPATE IN CULTURAL BURNING TRADITIONALLY, WHEREAS FOR OTHERS THEY TALK ABOUT WOMEN BEING THE MATRIARCHS, THE FIRE KEEPERS, THE HOLDERS OF THAT KNOWLEDGE. SO IT'S NOT A ONE-SIZE-FITS-ALL APPROACH.

WITH ABORIGINAL PEOPLE IN THE LEAD, WE CAN RESPOND TO COUNTRY, PASS ON INDIGENOUS KNOWLEDGES TO YOUNGER GENERATIONS, MAINTAIN INDIGENOUS PROTOCOLS, CREATE EMPLOYMENT AND SOCIAL OUTCOMES WHILE ALSO REDUCING HAZARD RISK. IT'S JUST COMMON SENSE. WE NEED TO GO BACK TO THE WAYS THAT WORK. IT WILL LOOK DIFFERENT BECAUSE THE HUMAN POPULATION IS RADICALLY DIFFERENT TO WHAT IT WAS, BUT WE HAVE THE SCIENCE TO ADDRESS THAT.

RECENTLY I TOOK MY DAUGHTER TO A CULTURAL BURN ON WONNARURU COUNTRY. I WITNESSED MY DAUGHTER, A YOUNG WONNARURU PERSON, LIGHTING A CULTURAL BURN ON HER GRANDFATHER'S COUNTRY.

AND THAT'S WHAT CULTURAL BURNING AND ALL THOSE CULTURAL LAND MANAGEMENT PROCESSES AND Caring FOR COUNTRY ARE ABLE TO DO.

WHEN WE TALK ABOUT INDIGENOUS WELLBEING TO ME, THAT IS IT."

VANESSA GAVANAGH
BUNDJALUNG AND WONNARURU WOMAN
ASSOCIATE LECTURER
UNIVERSITY OF WOLLONGONG

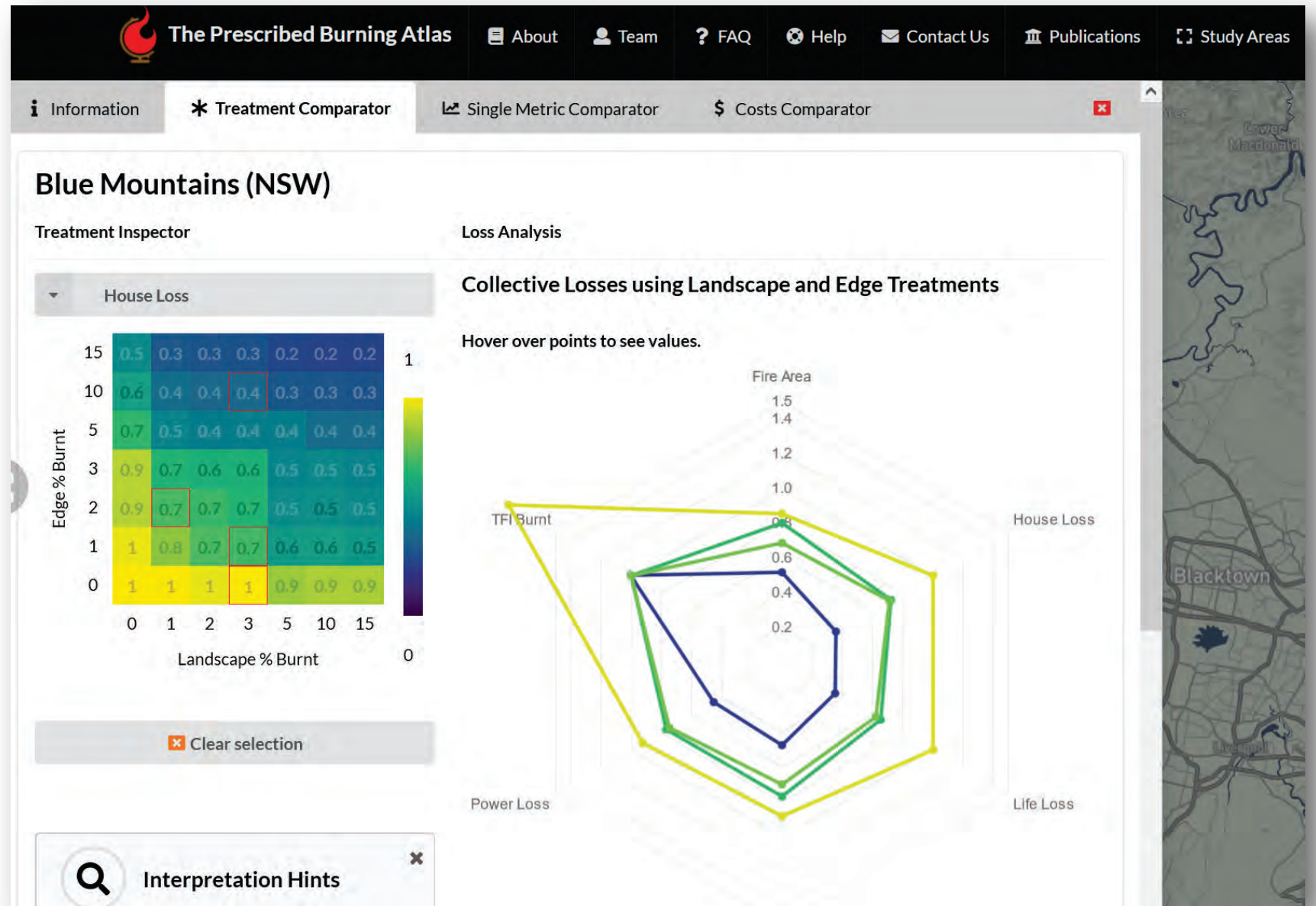
IT'S CONNECTING BACK TO THOSE CULTURAL PROCESSES THAT HAVE MAINTAINED US FOR THOUSANDS AND THOUSANDS OF GENERATIONS.

CULTURAL BURNING
in southern Australia



North Australian Remote BNH Training TRAINING MANUAL

The Prescribed Burning Atlas



Savanna Monitoring and Reporting Framework

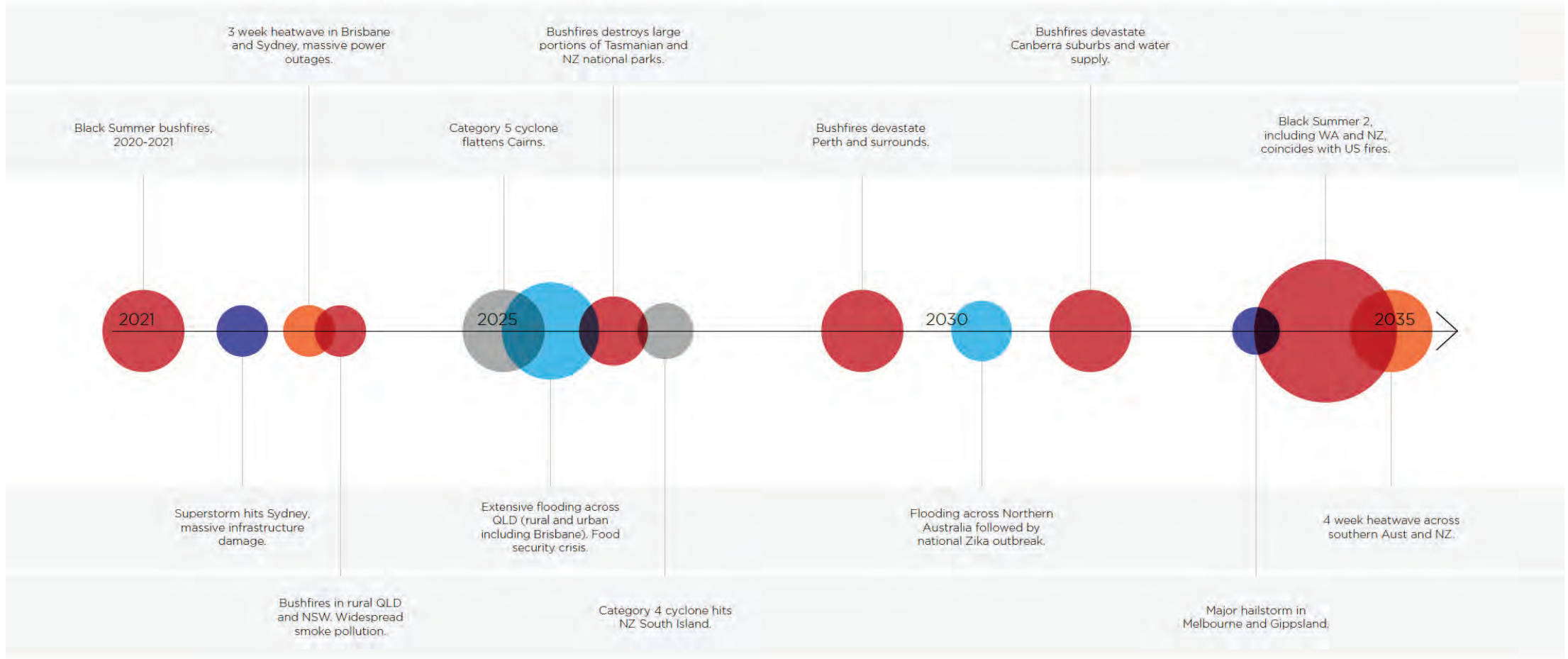


Australian Flammability Monitoring System



<http://wenfo.org/afms>

Climate Hazard Event Map 2021-2035



Urban planning



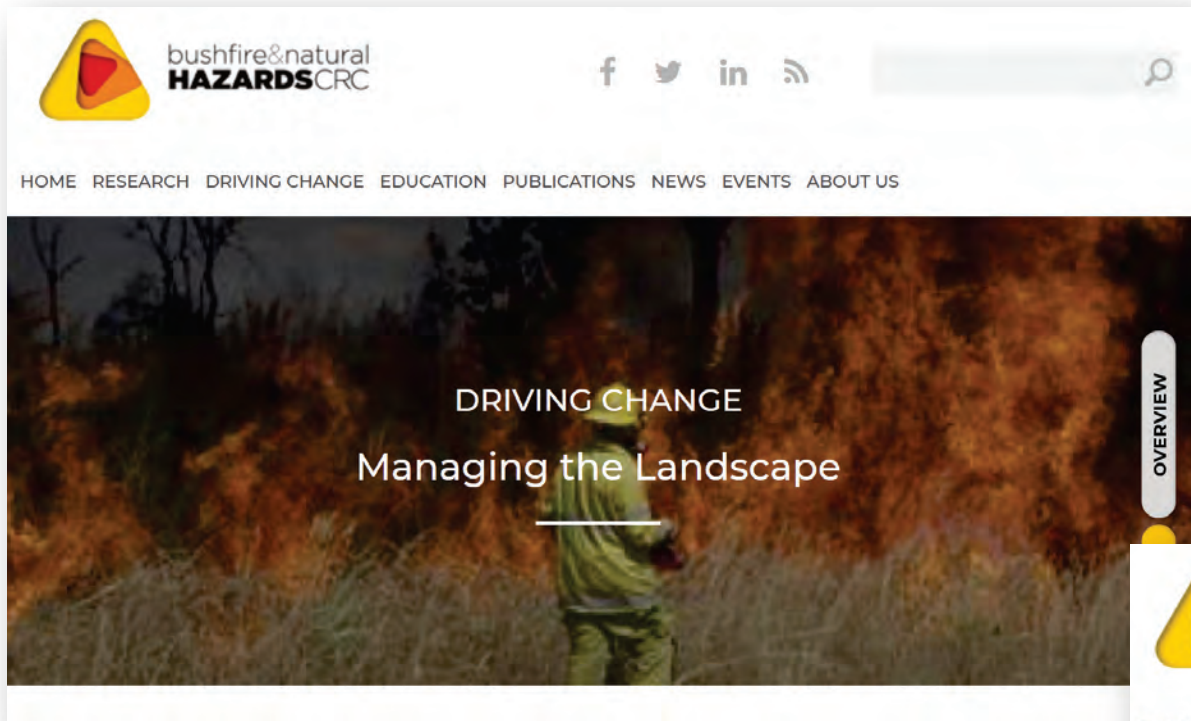
SELECTED CURRENCY YEAR 2020
Willingness to Pay for: COVERAGE OF NATIVE VEGETATION

WTP to increase the size and improve the quality of wetlands in the Upper South East, South Australia, for Adelaide respondents. Fire, Flood, Storm, Earthquake, Tsunami, Heatwave

CALCULATED WTP (2020)	MARGINAL CHANGE BEING MEASURED	RECOMMENDATIONS
\$1.70 AUD	WTP per 1,000 hectares of wetlands per household per year (max. 5 years)	Useful for BT in Australia - be aware of generalised context - not NH specific
+ WTP Details + Study Details + Methods + Sample Characteristics		+ Publication + Additional information Export Record

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CALCULATED WTP (2020)	MARGINAL CHANGE BEING MEASURED	RECOMMENDATIONS
\$0.54 AUD	WTP per 1,000 hectares of wetlands per household per year (max. 5 years)	Useful for BT in Australia - be aware of generalised context - not NH specific
+ WTP Details + Study Details + Methods + Sample Characteristics		+ Publication + Additional information Export Record



<https://www.bnhcrc.com.au/driving-change/managing-landscape>

<https://www.bnhcrc.com.au/driving-change/indigenous-initiatives>

