

## Tuesday 4th May – Day 1

### Session 1: COOL - Opening addresses and conference overview, 9:30-11:30 am

Chairs: Professor Don White and Rob Pallin

<b>Professor Don White</b>	Nature Conservation Council NSW	Welcome
<b>Brendan Kerin</b>	Metro Local Aboriginal Land Council	Welcome to Country
<b>The Hon. Matt Kean MP</b>	NSW Minister for Energy and Environment	Opening Address
<b>Trish Doyle MP</b>	Shadow Minister Emergency Services	Address
<b>Kate Washington MP</b>	Shadow Minister Environment	Address
<b>Peter McKechnie</b>	Deputy Commissioner NSW Rural Fire Service	Address
<b>Dr Mark Ooi</b>	University of New South Wales	<b>Keynote:</b> The fire regime, fire diversity and biodiversity
<b>Bhiamie Williamson</b>	The Australian National University	Indigenous people in disaster recovery
<b>Chels Marshall</b>	The Australian National University	Species of culture , climate change and perception change

### Session 2: COOL – Cultural fire, climate change and fire regimes, 2:00-4:00pm

Chairs: Dr Judy Lambert and Dr Grahame Douglas

<b>Emeritus Professor Bill Gammage</b>	The Australian National University	<b>Keynote:</b> Managing Fire
<b>Dr Mal Ridges</b>	Department of Planning, Industry and Environment	Burning for Yunghadu: how Aboriginal culture became the binder for resilience in a mallee socio-ecological system
<b>Chris Andrew =S=</b>	Black Duck Foods Ltd	Fire for food
<b>Dr Scott Mooney</b>	University of New South Wales	Fire, humans and climate as drivers of environmental change on Broughton Island, New South Wales, Australia
<b>Dr Phil Zylstra</b>	Curtin University	To fight future fires, we should stop fighting the forests
<b>Mark Constantine =S=</b>	University of New South Wales	Low intensity fires may be missing from the palaeofire record
<b>Professor Alan York</b>	University of Melbourne	Changing fire regimes: The response of litter-dwelling forest invertebrates to altered seasonality and frequency of prescribed fire
<b>Various</b>	<b>Q &amp; A - Cool fire</b>	

=S= *Speed Talk*

## Wednesday 5th May – Day 2

### Session 3: WARM – Risk planning and management, 9:30 - 11:30am

Chairs: Rob Pallin and Professor Don White

<b>Rob Pallin</b>	Nature Conservation Council NSW	Welcome
<b>Robert Quirk</b>	Executive Director NSW National Parks and Wildlife Service	Address
<b>Professor Phil Gibbons</b>	The Australian National University	<b>Keynote:</b> Opinion vs evidence. What is the relationship between hazard-reduction burning and house losses during bushfires in Australia?
<b>Nicholas Gellie &amp; Ian Brown</b>	Independent Bushfire Group	Too hot to handle? – a review of fire suppression effectiveness of the 2019-20 bushfires in NSW
<b>Dr Grahame Douglas</b>	Western Sydney University	Conservation of natural areas and concepts of design: bushfire under the influence of climate change.
<b>Dr Rebecca Gibson</b>	Department of Planning Industry and Environment	Fire mapping by machine learning: supporting smart fire management
<b>Representatives</b>	NSW Rural Fire Service & National Parks and Wildlife Service	Next generation Bush Fire Risk Management Plans
<b>Deb Sparkes =S=</b>	Centre of Excellence for Prescribed Burning	Program logic and performance measures for prescribed burning
<b>Mark Schuster &amp; Al Hartley</b>	Queensland Parks and Wildlife Service & Partnerships, SW Region.	From Northern Sandstone to Southern Sandstone: similarities and differences in fire management

### Session 4: WARM – Community and ecological resilience, 2:00 - 4:00pm

Chairs: Greg Mullins and Bob Conroy

<b>Associate Professor Owen Price</b>	University of Wollongong	Learning from the 2019-20 bushfire season
<b>Ian Allen</b>	The Blue Mountains Botanic Garden	When one of the only botanic gardens surrounded by a World Heritage Wilderness Area burned in the 2019-20 bushfires, how did we respond and what did we learn?
<b>Dr Jennifer Scott &amp; James Chan</b>	Ku-ring-gai Council	Climate Wise Communities and the application of Ambient Technology (Simtable) to raise awareness about bushfire and other climatic extremes
<b>Sonja Elwood</b>	NSW Wildlife Council	Volunteer emergency response for native fauna in the NSW Black Summer Fires 2019-20– Where are we now?
<b>Jane Williamson =S=</b>	Australian Catholic University	Compliance with habitat maintenance fire interval prescriptions in Land Management Zones
<b>Scott Meier =S=</b>	Australian Association of Bush Regenerators (AABR)	Before, after, during? Where does the bush regenerator fit into a fire event?
<b>Professor David Lindenmayer</b>	The Australian National University	Fires, forests, and fauna
<b>Various</b>	<b>Q &amp; A - Warm fire</b>	

## Thursday 6<sup>th</sup> May – Day 3

### Session 5: HOT – Climate change and ecosystem impacts, 9:30 - 11:30am

Chairs: Jane Gye and Dr Simon Heemstra

Jane Gye	Nature Conservation Council NSW	Welcome
Professor Lesley Hughes	Macquarie University and the Climate Council of Australia	<b>Keynote:</b> Our life support system on life support
Greg Mullins	Emergency Leaders for Climate Action and the Climate Council	<b>Keynote:</b> Climate change-driven bushfires: our new extreme
Dailan Pugh	North East Forest Alliance	Rainforests urgently need their buffers restored
Dr Judy Lambert	North Head Sanctuary Foundation	Fire severity: does it affect coastal heathland restoration?
Dr Kate Hughes	Macdonald Valley River Keeper Network	To reconcile has two meanings
Harriet Simpson-Southward	University of Wollongong	Effects of climate change on resilience of fire prone eucalypt communities
Tom Le Breton =S=	University of New South Wales	Fire-adapted traits of threatened shrub species in riparian refugia: implications for fire regime management
Dr Sam Lloyd =S=	Queensland Fire & Biodiversity Consortium, Healthy Land and Water	The 2019-20 Queensland bushfire season and post-fire plant responses in the Border Ranges (Qld)
Eli Bendall =S=	University of Wollongong	Worsening drought and fire may limit regeneration in eucalyptus forests

### Session 6: HOT - Wildfire and biodiversity, 2:00 - 4:30pm

Chairs Jim Morrison and Emeritus Professor Ross Bradstock

Professor Andrew Bennett	La Trobe University	<b>Keynote:</b> Fire and landscape change: what kinds of knowledge provides insight for fauna conservation?
Evan Quartermain	Humane Society International Australia	Safeguarding Australia's Wildlife: Lessons from the 2019-20 'Black Summer' bushfires
Dr Kellie Leigh	Science for Wildlife	The impact of bushfires on koalas living in protected areas and planning for a future under climate change; a case study of koalas in the Greater Blue Mountains.
Pete Knock	Nature Conservation Council of NSW	Understanding and responding to the impacts of the 2019 fire season on large forest owls in Northern NSW
Dr Jennifer Taylor	Australian Catholic University	Bats, birds, reptiles and fire severity in Warrumbungle National Park
Jamie Bertram & Nathan Brennan	NSW Rural Fire Service and Coffs Harbour and District Local Aboriginal Land Council	Gumbaynggirr Darruyay Dunggirr Jagun Mangga-Bayilaygam "Gumbaynggirr Good Koala Country Plan": managing our country for koalas
Peter Leeson	Institute of Foresters of Australia, Forest Fire Management Committee, Queensland Fire and Biodiversity Consortium	Using hot fire to restore exotic pine plantation
Dr Tein McDonald	Australian Association of Bush Regenerators (AABR)	Harnessing the power of fire for restoration gains – learning from the efforts of multiple emergency responders
Various	<b>Panel Discussion – Cool, Warm, Hot: answering your burning questions</b>	
Chris Gambian	Nature Conservation Council of NSW	Where to from here and Closing Address