



19th Australasian Vertebrate Pest Conference

Pocket Program

Hosted by the Centre for Invasive Species Solutions.
In partnership with the NSW Department of Primary Industries and Regional
Development and NSW National Parks and Wildlife Service



CENTRE FOR
INVASIVE SPECIES SOLUTIONS



MONDAY 29 JULY 2024: AERIAL UTS FUNCTION CENTRE

6.00-8.00pm

Welcome Reception and Exhibition Opening

Welcome Reception sponsored by



Harris Room and Foyer

TUESDAY 30 JULY 2024: Conference Day 1 - AERIAL UTS FUNCTION CENTRE

8.00am

Registration

Foyer

8.30am-5.00pm

Speakers' preparation

Short Course Room

8.30-9.00am

Opening plenary: Translating science into effective management

Welcome to the 19th AVPC, *Dr Bertie Hennecke, Department of Agriculture, Fisheries and Forestry, on behalf of Dr Nigel Ainsworth, Environment and Invasives Committee Chair*

Welcome to Country, *Uncle Allan Madden, Gadigal Elder*

NSW Minister official opening, *The Hon. Tara Moriarty MLC, NSW Minister for Agriculture*

MC welcome and opening, *Pip Courtney, Landline*

Wattle/Thomas/Broadway/
Jones Room

MC: *Pip Courtney, Landline*

9.00-9.25am

Plenary 1: Translating science into strategic vertebrate pest management: Trends, risks and opportunities, *Andreas Glanznig, Centre for Invasive Species Solutions*

9.25-9.50am

Plenary 2: Towards a predator free 2050, *Phil Bell, Zero Invasive Predators, Brent Beaven, Department of Conservation NZ*

Phil Bell sponsored by



9.50-10.15am	Plenary 3: Strategically managing invasive predators in Australia: Some history, economics, science and art , <i>Dr Peter Fleming</i> , Vertebrate Pest Research Unit, NSW Department of Primary Industries and Regional Development
10.15-10.30am	Panel interview with speakers , <i>Pip Courtney</i> , Landline, Andreas Glanznig , Centre for Invasive Species Solutions, Phil Bell , Zero Invasive Predators, Brent Beaven , Department of Conservation NZ, Dr Peter Fleming , Vertebrate Pest Research Unit, NSW Department of Primary Industries and Regional Development
10.30-11.00am	Morning tea and exhibition



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Harris Room and Foyer

CONCURRENT SESSION 1

11.00am-1.00pm	1A: Managing rabbits Wattle and Thomas Room Chair: <i>Dr Susan Campbell</i>	1B: Managing wild canids Broadway and Jones Room Chair: <i>Dr Lana Harriott</i>
11.00am	Spread of RHDV2 into numerous lagomorph species worldwide limits future biological control options for Australia <i>Dr Brian Cooke</i> , Foundation for Rabbit Free Australia	Reducing total predation pressure on Australian native fauna: Potential biodiversity benefits from effective wild dog management across Australia <i>Greg Mifsud</i> , Centre for Invasive Species Solutions
11.15am	Pathogen detectives: Finding new tools and preparing for new threats <i>Dr Maria Jenckel</i> , CSIRO Health and Biosecurity	Wild dog movement behaviours in western NSW <i>Dr Deane Smith</i> , NSW Department of Primary Industries and Regional Development
11.30am	Rabbits in Queensland: The fence prevented entry and compliance stopped the spread <i>Craig Magnussen</i> , Darling Downs-Moreton Rabbit Board	Livestock guardian dog protection of sheep and weaner cattle against wild dogs in the station country of Western Australia <i>Dr Tracey Kreplins</i> , Department of Primary Industries and Regional Development WA

CONCURRENT SESSION 1 (continued)

<p>11.45am</p>	<p>De-wild before you re-wild: Lessons for conservation projects <i>Tim Bloomfield, Victorian Rabbit Action Network</i></p>	<p>The effect of anthropogenic resources on dingoes from a mine site in the Strzelecki Desert, SA <i>Dr Paul Meek, NSW Department of Primary Industries and Regional Development</i></p>
<p>12.00pm</p>	<p>Didn't Calici fix them? A national conversation to reinvigorate rabbit control <i>Adj. Prof Wayne Meyer, Foundation for Rabbit Free Australia</i></p>	<p>Landscape scale wild dog monitoring in the Northern Agricultural Zone, WA <i>Linda Vernon, Central Wheatbelt Biosecurity Association</i></p>
<p>12.15pm</p>	<p>A framework for peri-urban rabbit control <i>Peter Day, Foundation for Rabbit Free Australia</i></p>	<p>Possum, tongue or kangaroo? Trialling novel lure types of Canid Pest Ejectors for wild dog and fox control <i>Chloe Miller, University of Southern Queensland</i></p>
<p>12.30pm</p>	<p>Rabbit romance, better biocontrols and a citizen census <i>Dr Amy Iannella, Foundation for Rabbit Free Australia</i></p>	<p>Successful conditioned taste aversion in a wild red fox population <i>Tim Andrewartha, Australian National University</i></p>
<p>12.45pm</p>	<p>Evolutionary insights into myxomatosis resistance in wild rabbits in Australia <i>Dr Brian Cooke, Foundation for Rabbit Free Australia</i></p>	<p>Towards non-lethal fox control: Animal odour profiling and synthetic bait development for conditioned odour aversion <i>Ashlyn Austin, University of South Australia</i></p>

1.00-2.00pm

Lunch and exhibition

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Harris Room and Foyer

CONCURRENT SESSION 2

2.00-4.00pm	2A: Managing feral cats	2B: Open session
Wattle and Thomas Room Chair: <i>Prof Trish Fleming</i>	Wattle and Thomas Room Chair: <i>Prof Trish Fleming</i>	Broadway and Jones Room Chair: <i>Assoc. Prof Ben Allen</i>
2.00pm	Working together: What national coordination means for feral cat management <i>Gillian Bassett, Centre for Invasive Species Solutions</i>	Does aerial shooting increase the risk of disease spread in feral ungulates? <i>Dr Andrew Bengsen, NSW Department of Primary Industries and Regional Development</i>
2.15pm	Poison bait products for feral cats and the Relative Humaneness Matrix <i>Michael Johnston, Ecology</i>	Feral horse distribution and population size determined by dung counts in exotic pine plantations in South-East Queensland <i>Dr David Berman, Ozecological</i>
2.30pm	Field trialling Felixer grooming traps, for control of feral cats in the Strzelecki Desert, NSW <i>Dr Reece Pedler, University of New South Wales</i>	Next phase of the Carp Biocontrol Program <i>Shalan Scholfield, Department of Agriculture, Fisheries and Forestry</i>
2.45pm	Evasive invasives? Temporary neophobia of feral cats (<i>Felis catus</i>) towards Felixers <i>Ned Ryan-Schofield, Bush Heritage Australia</i>	Marna Banggara: Controlling introduced predators on a landscape scale to allow for the reintroduction of locally extinct native fauna <i>Derek Sandow, Northern and Yorke Landscape Board</i>
3.00pm	Interactions of native wildlife with non-toxic Eradicator baits: A field experiment in south-eastern mainland Australia <i>Dr Andrew Claridge, NSW Department of Primary Industries and Regional Development</i>	Vertebrate pest control from above: A national approach <i>Dr Annelise Wiebkin, Department of Primary Industries and Regions SA</i>


CONCURRENT SESSION 2 (continued)

3.15pm	Do feral cats respond to lures? <i>Faith Chen, Murdoch University</i>	Grey Squirrel impacts on biodiversity and ecosystem services in UK woodland habitats <i>Molly Frost, University of York</i>
3.30pm	Feral cat responses to silvagine lures <i>Natasha Tay, Murdoch University</i>	Using the landholder pest animal and weed management survey to gain insights into established vertebrate pest problems in Australia <i>Dr Tony Arthur, Australian Bureau of Agricultural and Resource Economics and Sciences</i>
3.45pm	Importance of Australia's safe haven network for the protection of Australia's threatened species from invasive predators <i>Dr Julie Quinn, Department of Climate Change, Energy, the Environment and Water</i>	Assessment of spilled toxic bait by wild pigs and potential risk to non-target species <i>John Kinsey, Kerr Wildlife Management Area, Texas Parks and Wildlife Department</i>
4.00-4.30pm	Afternoon tea and exhibition	Harris Room and Foyer
6.30-7.00pm	Pre-dinner drinks	Harris Room and Foyer
7.00-10.00pm	Conference dinner	Wattle/Thomas/Broadway/Jones Room

WEDNESDAY 31 JULY 2024: Conference Day 2 - AERIAL UTS FUNCTION CENTRE

8.00am	Registration	Foyer
8.30am-5.00pm	Speakers' preparation	Short Course Room
8.30-8.35am	<p>Plenary: The nature repair market: What it means for vertebrate pest management</p> <p>Welcome and housekeeping, <i>Pip Courtney, Landline</i></p> <p>Government welcome, <i>The Hon. Murray Watt, Minister for Agriculture, Fisheries and Forestry, Minister for Emergency Management</i> Pre-Recorded</p>	<p>Wattle/Thomas/Broadway/ Jones Room</p> <p>MC: <i>Pip Courtney, Landline</i></p>
8.35-8.55am	<p>Plenary 4: About the nature repair market, Dr Ryan Wilson, Department of Climate Change, Energy, the Environment and Water Pre-Recorded</p>	
8.55-9.15am	<p>Plenary 5: What the market means for business, Nerida Bradley, GreenCollar</p>	
9.15-9.35am	<p>Plenary 6: Private land manager opportunities, Michael Cornish, Australian Land Conservation Alliance</p>	
9.35-9.55am	<p>Plenary 7: Measuring positive biodiversity outcomes from pest control projects: What, how and when to monitor, Assoc. Prof Katherine Moseby, University of New South Wales</p>	
9.55-10.30am	<p>Panel interview with speakers, <i>Pip Courtney, Landline, Nerida Bradley, GreenCollar, Michael Cornish, Australian Land Conservation Alliance, Assoc. Prof Katherine Moseby, University of New South Wales, Arabella Douglas, Centre for Invasive Species Solutions</i></p>	
10.30-11.00am	<p>Morning tea and exhibition</p> <p>Sponsored by</p> 	Harris Room and Foyer

CONCURRENT SESSION 3

11.00am-1.00pm	3A: Biocontrol and biotechnology Wattle and Thomas Room Chair: <i>Dr Peter Brown</i>	3B: Managing feral deer Broadway and Jones Room Chair: <i>Dr Annelise Wiebkin</i>	Sponsored by 
11.00am	Genetic biocontrols for invasive vertebrate pests: How close are we? <i>Dr Stephen Frankenberg, University of Melbourne</i>	Eradicating feral deer from South Australia <i>Michael Stevens, Limestone Coast Landscape Board</i>	
11.15am	Using sperm transfected assisted gene editing to produce genetically modified rabbits to improve the feasibility of genetic biocontrol <i>Dr Sarah Topfer, CSIRO</i>	Flying high, an evaluation of Sambar deer control program in the Alps <i>Heather Burns, ACT Government</i>	
11.30am	Combating Gambusia, an invasive pest fish, at continental scale <i>Dr Jawahar Patil, SARU Consulting</i>	Ecological and economic models for cost-effective management of feral deer in South Australia <i>Peter Hamnett, Flinders University</i>	
11.45am	Gene drives in the wild: Using population genetics to inform development and evaluation of genetic biocontrols <i>Dr Kevin Oh, CSIRO</i>	Improved technologies translating to lasting impacts in managing red and rusa deer in urban and peri-urban environments in South-East Queensland <i>Rita Everitt, Sunshine Coast Regional Council</i>	
12.00pm	Engineering zebrafish for female-to-male sex reversal <i>Dr Michael Clark, Macquarie University</i>	And then there was one: Monitoring the eradication of rusa deer from an island with camera traps <i>Michael Brennan, Biosecurity Queensland</i>	
12.15pm	Enhancing rabbit biocontrol strategies through hepatobiliary organoid cultures and directed virus evolution <i>Dr Omid Fakhri, CSIRO</i>	The abundance and impacts of deer on Victoria's public land estate <i>Justin Cally, Arthur Rylah Institute</i>	

CONCURRENT SESSION 3 (continued)

12.30pm	Improving genomic resources for the genetic biocontrol of invasive vertebrate pests <i>Daniel Barham, University of Melbourne</i>	Predicting local chital deer distribution and abundance in Northern Queensland <i>Cameron Wilson, Biosecurity Queensland</i>
12.45pm	South Australian community perspectives on the development and use of gene drives for mouse suppression <i>Rebecca Paxton, University of Adelaide</i>	Responses of invasive deer to management actions in Kosciuszko National Park <i>Eliane McCarthy, University of Sydney</i>

1.00-2.00pm

Lunch and exhibition

Harris Room and Foyer


CONCURRENT SESSION 4

2.00-3.30pm	4A: Managing feral cats Wattle and Thomas Room Chair: <i>Gillian Basnett</i>	4B: Managing feral pigs Broadway and Jones Room Chair: <i>Darren Marshall</i>
2.00pm	Persistent failure of 'the science' to provide evidence that dingo control releases foxes and cats <i>Assoc. Prof Ben Allen, University of Southern Queensland</i>	The road to nowhere: Having tactics without science-based strategy <i>Dr Heather Channon, Australian Pork</i>
2.15pm	The curious cat: Feral cat activity at artificial refuges <i>Tenaya Duncan, Murdoch University</i>	State-wide approach to managing feral pigs in Western Australia <i>Dr Peter Adams, Department of Primary Industries and Regional Development WA</i>
2.30pm	BushGuardian: Using artificial intelligence to combat feral cat predation <i>Prof Trish Fleming, Murdoch University</i>	The Big Pig-ture: Research, monitoring and stakeholder engagement informing feral pig management across the Otways <i>James Templeton, Conservation Ecology Centre</i>

CONCURRENT SESSION 4 (continued)

2.45pm	Managing feral cats around a fenced wildlife reserve in the arid zone <i>Nathan Manders, Arid Recovery</i>	Enhancing feral pig monitoring and control in the Western Downs, Queensland <i>Aiden Sydenham, Southern Queensland Landscapes</i>
3.00pm	Which feral cat is that? Using individual identification to assess management impact <i>Elly Gooch, University of New England</i>	Foot and mouth outbreak simulation, is it possible to locally eradicate feral pigs? <i>Lachlan Marshall, Centre for Invasive Species Solutions</i>
3.15pm	Estimating feral cat control impact to inform management decision tools <i>Dr Annalie Dorph, University of New England</i>	HOGGONE® meSN feral pig bait controls USA wild hogs but spilled bait can pose risk to small birds in winter <i>Dr Linton Staples, Animal Control Technologies Australia</i>
3.30-4.00pm	Afternoon tea and exhibition	Harris Room and Foyer

CONCURRENT SESSION 5

4.00-5.30pm	5A: Managing urban and peri-urban pests Wattle and Thomas Room Chair: <i>Bruce Christie</i>	5B: Eradications Broadway and Jones Room Chair: <i>Penny Fisher</i>
4.00pm	Efficacy of canid pest ejectors in a peri-urban landscape <i>Dr Lana Harriott, Queensland Department of Agriculture and Fisheries</i>	Predator elimination in South Westland, New Zealand <i>Phil Bell, Zero Invasive Predators</i> Phil Bell sponsored by 
4.15pm	Peri-urban aerial feral deer control in the Gawler and Light River deltas <i>Timothy Howard, Jessica Cavallo, Northern and Yorke Landscape Board</i>	Eradication of pigs, cats, goats and rats over 40 years sparks dramatic recovery of the Lord Howe Island Woodhen <i>Andrew Walsh, Eco Logical Australia</i>

CONCURRENT SESSION 5 (continued)

4.30pm	Rabbit control engagement in the Peri Urban System: Lessons so far <i>Teele Hooper-Worrell, Peel Harvey Biosecurity Group</i>	Eradication of Rooks from the Bay of Plenty and Waikato – Can it be achieved? <i>Juliet Brebner, Bay of Plenty Regional Council</i>
4.45pm	DNA research complementing wild canid (fox) management in urban and peri-urban environments in South-East Queensland <i>Rita Everitt, Sunshine Coast Regional Council</i>	Eradication: Wild dog management inside the SA Dog Fence <i>James Stevens, Department for Primary Industries and Regions SA</i>
5.00pm	A practitioners look at activity area of foxes in an urban area <i>Dr Graham Thompson, Terrestrial Ecosystems</i>	Using data on pest management activities to quantify control success or progress toward eradication <i>Dr Dave Ramsey, Arthur Rylah Institute</i>
5.15pm	Feral animal control in national parks in Greater Sydney <i>Mel Hall, NSW National Parks and Wildlife Service</i>	Wake Atoll Rat Eradication Project - Approaches to commensal management <i>Tyler Bogardus, United States Department of Agriculture-Wildlife Services</i>
5.30-6.00pm	Refreshment break	Harris Room and Foyer
6.00-7.00pm	Poster speed talks (light food and beverages provided) Chair: <i>Michael Brennan</i>	Wattle/Thomas/Broadway/Jones Room
6.00pm	Maximising research impact to help achieve a wallaby-free Aotearoa, <i>Dr Alastair Fairweather, Waikato Regional Council</i>	
6.03pm	Developing a pipeline for the production of gene drive mammals, <i>Erin Scase, University of Melbourne</i>	
6.06pm	Optical/Thermal/Night Vision Edge AI Camera Trap with remote trigger, <i>Hamesh Shah, eVorta</i>	
6.09pm	Working with, not against, the 'under' dogs: Targeted invasive predator management conservation in the Great Victorian Desert, <i>Brett Backhouse, Alinytjara Wilurara Landscape Board</i>	

6.00-7.00pm	Poster speed talks (continued)	Wattle/Thomas/Broadway/Jones Room
6.12pm	Advancing wild dog control in the Rangelands: Harnessing thermal technologies, <i>Krystie Bremer, Carnarvon Rangelands Biosecurity Association</i>	
6.15pm	From hunters to gatherers: Turning pig hunters into data gatherers to scale-up research opportunities, <i>Ned Makim, Australian Pig Doggers and Hunters Association</i>	
6.18pm	Technology can be a catalyst for collaborative pest management, <i>Simon Croft, Encounter Solutions</i>	
6.21pm	Wildlife Drones: Innovative aerial radio-tracking technology for advancing invasive species management, <i>Dr Debbie Saunders, Wildlife Drones</i>	
6.24pm	Field assessment of attractants for improving the efficacy of RATTOFF® zinc phosphide sachets for control of <i>rattus sordidus</i> in sugarcane, <i>Glen Park, Sugar Research Australia</i>	
6.27pm	Adapting feral pig management technology to a potential depopulation need for domestic pigs in piggeries, <i>Dr Linton Staples, Animal Control Technologies Australia</i>	

THURSDAY 1 AUGUST 2024: Conference Day 3 - AERIAL UTS FUNCTION CENTRE

8.00am	Registration	Foyer
8.30am-3.00pm	Speakers' preparation	Short Course Room
8.40-8.45am	<p>Plenary: Perspectives on social licence</p> <p>Welcome and housekeeping, <i>Pip Courtney, Landline</i></p>	Wattle/Thomas/Broadway/ Jones Room
8.45-9.10am	<p>Plenary 8: Lessons from Kosciuszko: Social licence and lethal control of invasive species, Jack Gough, Invasive Species Council</p>	MC: <i>Pip Courtney, Landline</i>
9.10-9.50am	<p>Plenary 9: Perspectives on social licence, featuring:</p>	
9.10am	<p>Social licence, public attitudes and animal welfare, Dr Trudy Sharp, NSW Department of Primary Industries and Regional Development</p>	
9.20am	<p>Rooted in trust - Leveraging NGO strengths for community and stakeholder support in responsible feral pig management, James Templeton, Conservation Ecology Centre</p>	
9.30am	<p>An international perspective on animal ethics, social licence and wildlife management, Dr Jordan Hampton, Murdoch University</p>	
9.40am	<p>Social and cultural licence when working with Aboriginal communities, Dr Brooke Kennedy, University of New England</p>	
9.50-10.15am	<p>Panel interview with speakers, <i>Pip Courtney, Landline, Jack Gough, Invasive Species Council, Dr Trudy Sharp, NSW Department of Primary Industries and Regional Development, James Templeton, Conservation Ecology Centre, Dr Jordan Hampton, Murdoch University, Dr Brooke Kennedy, University of New England</i></p>	
10.15-10.45am	Morning tea and exhibition	Harris Room and Foyer

CONCURRENT SESSION 6

10.45am-12.15pm	6A: Community engagement and social licence	6B: Technology
10.45am	Wattle and Thomas Room Chair: <i>Dr Tony Arthur</i>	Broadway and Jones Room Chair: <i>Dr Peter Adams</i>
10.45am	Working together to help return Country to Country <i>Heidi Kleinert, Victorian Rabbit Action Network</i>	Thermal imagery and aerial culling: How crew configuration and equipment affect program outcomes <i>Dr Tarnya Cox, NSW Department of Primary Industries and Regional Development</i>
11.00am	Cute but costing us dearly – Using puns to build social licence <i>Aleesha Lesiuk, Department of Primary Industries and Regions SA</i>	Population protecting implants: Targeted control of invasive predators to mitigate catastrophic predation <i>Assoc. Prof Anton Blencowe, University of South Australia</i>
11.15am	The human dimensions of controlling and managing feral pigs <i>Darren Marshall, Centre for Invasive Species Solutions</i>	Perceptions, challenges and innovations; WA pest bird management <i>Dr Susan Campbell, Department of Primary Industries and Regional Development WA</i>
11.30am	Lethal control of vertebrate pest animals is ethically justified by multiple ethical frameworks <i>Assoc. Prof Ben Allen, University of Southern Queensland</i>	The highs and lows in the development of research specific technology for Vertebrate Pest Management <i>Glen Charlton, Intersect Australia</i>
11.45am	Engaging the masses using the dark art of marketing <i>Craig Magnussen, Darling Downs-Moreton Rabbit Board</i>	Developing a target selective bait delivery technique for lethal control of feral goats and deer <i>Rob Hunt, NSW National Parks and Wildlife Service</i>
12.00pm	The Corella Collective – Tackling pest birds head on <i>Jacqueline Lucas, Wheatbelt Natural Resource Management</i>	The Catling Gun: An AI-driven object classification and tracking system for invasive species management <i>Stephen von Takach, Place Technology</i>

12.15-1.15pm

Lunch and exhibition

Harris Room and Foyer

CONCURRENT SESSION 7

1.15-2.45pm

7A: Managing feral pigs

Wattle and Thomas Room
Chair: *Dr Heather Channon*

7B: Surveillance and incursions

Broadway and Jones Room
Chair: *Dr Paul Meek*

1.15pm

Assessing new technologies in the management of feral pigs in the Queensland wet tropics
Rod Nielson, Herbert Cane Productivity Services

Development of surveillance techniques for juvenile Red Eared Slider Turtles
Dr Lana Harriott, Queensland Department of Agriculture and Fisheries

1.30pm

The transition to landholder self reliance and the role of management plans
David Worsley, Centre for Invasive Species Solutions

Predator Free 2050 and the proof of absence model. Learnings from a user's perspective
Paul Kwiecinskis, Ethos Environmental

1.45pm

Variable responses to aerial control demonstrate adaptability of feral pigs
Dr Catherine Kelly, Biosecurity Queensland

Successful removal of an incipient rat population from an inhabited island - Lord Howe Island; techniques used and lessons learned
Dr Grant Harper, Biodiversity Restoration Specialists, Simon Pahor, Effective Conservation Outcomes

2.00pm

What a boar: Bringing together diverse data to infer feral pig distribution
Dr David Mitchell, Australian Bureau of Agricultural and Resource Economics and Sciences

Complementing feral rabbit management: Utilising molecular epidemiology and Citizen Science for the surveillance of virulent Lagoviruses in Australia
Dr Nias Peng, CSIRO Health and Biosecurity

CONCURRENT SESSION 7 (continued)

2.15pm	Development of a cost-effective, versatile, humane wild pig trap <i>John Kinsey, Pig Brig Trap System</i>	Leveraging biodiversity infrastructure to enhance biosecurity through the Atlas of Living Australia's Biosecurity Alerts Service <i>Dr Andrew Turley, Atlas of Living Australia, CSIRO</i>
2.30pm	PIGOUT® Econobait 1080 long life feral pig bait for feral pig management <i>Dr Linton Staples, Animal Control Technologies Australia</i>	Management of exotic animal incursions in NSW - A toadally important priority! <i>Victoria Greentree, NSW Department of Primary Industries and Regional Development</i>
2.45-3.15pm	Afternoon tea and exhibition	Harris Room and Foyer

CONCURRENT SESSION 8

3.15-4.45pm	8A: Open session Wattle, Thomas and Broadway Room Chair: <i>Dr Andrew Bengsen</i>	8B: Putting research into effective management Jones Room Chair: <i>Brent Beaven</i>
3.15pm	Protecting our precious places and spaces <i>Dr Bertie Hennecke, Department of Agriculture, Fisheries and Forestry</i>	The national FeralScan community website and mobile App for pest animal monitoring, recording and control <i>Peter West, NSW Department of Primary Industries and Regional Development</i>
3.30pm	The broad and deep human and social impacts of the 2021 New South Wales mouse plague: A qualitative study <i>Dr Lucy Carter, CSIRO Environment</i>	Wake Atoll Rat Eradication Project - Using research to eradicate the Novel Rodent Species, Neotoma leucodon <i>Eric Lanners, USDA-Aphis-Wildlife Services</i>
3.45pm	Creating a national feral animal disease surveillance and management network - Bringing in the one health perspective <i>Dr Joanne Walker, Wildlife Health Australia</i>	Hunger Games: A multi-pronged, sectional approach to rodent control <i>Dr Allie Nance, Melinda Wilson, Parks Australia</i>

CONCURRENT SESSION 8 (continued)

4.00pm

Developing tools and techniques for the elimination of pest species in New Zealand Tussock Grasslands

Phil Bell, Zero Invasive Predators

Phil Bell sponsored by



A template for assessing the animal welfare impacts of aerial shooting: A case study with feral horses

Dr Trudy Sharp, NSW Department of Primary Industries and Regional Development

4.15pm

Scavenging by invasive species

Dr Thomas Newsome, University of Sydney

Density-impact functions and community engagement to improve management of feral horses in the Australian Alps

Dr David Berman, Ozecological

4.30pm

Testing the effectiveness of native non-target mitigation measures for Goodnature® Ltd. A24 self-resetting traps for rats and stoats

Dr Craig Gillies, NZ Department of Conservation

Aerial baiting for wild dog management: What has been measured effectively and what needs to be done?

Dr Andrew Claridge, NSW Department of Primary Industries and Regional Development

Closing Plenary

4.45-5.00pm

Closing thoughts from MC, Pip Courtney, Landline

Conference wrap up, Andreas Glanznig, Centre for Invasive Species Solutions

Student prize and award, Bruce Christie, Centre for Invasive Species Solutions, Mal Leeson, NSW Department of Primary Industries and Regional Development

Wattle/Thomas/Broadway/
Room

MC: *Pip Courtney*, Landline

FRIDAY 2 AUGUST 2024: Field Trips

The 19th AVPC field trips are held in partnership with the NSW Department of Primary Industries and Regional Development and NSW National Parks and Wildlife Service



**8.15am-
3.30pm**

**Depart from
King St
Wharf, Darling
Harbour
precinct**

North Head Field Trip

Take a private chartered ferry across Sydney Harbour to the stunning North Head in Manly. North Head presents unique requirements and challenges for feral predator control due to its nature as a peninsula and as a key site for little penguin and bandicoot preservation.

Enjoy presentations on key Sydney National Park features, including little penguin beaches, as you cruise along enjoying a catered morning tea. Presentations at scenic North Head will include vertebrate pest control and threatened species at Fairfax Point, fox control for bandicoot and little penguin preservation, and rabbit control at heritage landscape sites. Cap off the day with a return to Sydney Harbour while the private ferry team serve up a woodfired pizza lunch.

Price: \$220

Inclusions: Private ferry to the Quarantine Station, morning tea, woodfired pizza lunch

**8.30am-
12.15pm**

**Depart from
Aerial UTS
Function
Centre**

Centennial Park Field Trip

Enjoy a morning picnic at the picturesque Centennial Park to hear about the latest approaches in detecting and responding to exotic vertebrate incursions. View displays of surveillance, monitoring and incursion equipment from NSW Department of Primary Industries, QLD Government's Department of Agriculture and Fisheries, Sydney Wildlife Rescue and discuss methods to combat the spread of invasive species, all while Black Cormorants dry their wings nearby!

Price: \$95

Inclusions: Coach, morning tea

9.00am-2.30pm Western Parklands Field Trip

**Departs from
Aerial UTS
Function Centre**

As deer populations push further into peri- and sub-urban areas, methods to effectively contain and control their increasing numbers in a safe and non-disruptive manner provide new challenges. Led by Principal David Kirkland from Greater Sydney Parklands, travel out to Bungarabee Reserve in Western Sydney. As you tour the site see techniques and strategies being demonstrated for corralling and controlling deer so close to human populations, and witness efforts to regenerate nearby native wetland ecosystems and bushland. Enjoy catered morning tea, lunch and refreshments in one of Sydney's most scenic spaces.

Price: \$110

Inclusions: Coach, morning tea, lunch



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