

Conference Program AWMS2025

(This program may be subject to change)

Time	Tue 02 Dec	Wed 03 Dec	Thu 04 Dec
	Opening	One Health	Open
08:30	Mihi Whakatau	Keynote Jemma Geoghegan Genomics informed diagnostics for infectious diseases	Vishnu Menon <i>Managing introduced predators for native fauna conservation in fire-prone landscapes</i>
08:45	Housekeeping		Patt Finnerty <i>Emerging tools for 'rewilding' beyond the fence</i>
09:00	Opening speech Tūmai Cassidy, Ngāi Tahu	Lydia Uddstrom <i>Safeguarding Endangered Birds: New Zealand's World-First Multi-Species Vaccine Trial Against HPAI</i>	Mahuru Wilcox <i>Possums as pests and taonga: Indigenous values and introduced species management</i>
09:15		Ngaio Beausoleil <i>Stakeholder understanding of avian botulism management in NZ and research priorities to address knowledge gaps and practical challenges</i>	Kerry Weston (Eric Buenz's team) <i>Reducing lead ammunition use to protect kea population</i>
09:30	Keynote Elaine Murphy Predator Free 2050 New Zealand: A Vision for the Future	Abigail Schoup <i>Keeping up with the Kākahi: Understanding Toxoplasma gondii transmission in freshwater through kākahi bioindicators</i>	Meghan Price <i>Exploring the use of artificial nest in monitoring nest predation of critically endangered kākāriki karaka.</i>
			Stacey Harwood <i>Management of an arboreal marsupial during plantation harvest</i>
09:45		Katherine Buschang <i>Overlooked hosts of Toxoplasma gondii in New Zealand: infections in wild birds and their implications for conservation and management</i>	Amelia Jeffery <i>A multi-scale perspective on the behaviourally-driven habitat selection of Australia's dingoes</i>
		Mary Buford Turnage <i>Exploring Hedgerow Contributions to Biodiversity and Zoonotic Disease Risk in the Canterbury Plains Agroecosystem</i>	Ananya Agnihotri <i>Managing the Outcomes of Bird Foraging in New Zealand Vineyards and Radish Fields</i>
10:00	Morning tea	Morning tea	Morning tea

Time	Tue 02 Dec	Wed 03 Dec	Thu 04 Dec
	New technology and new innovations	One Health	Human dimensions
10:30	Andrew Digby <i>Scaling Conservation: Technological Innovation in Kākāpō Recovery</i>	Jordan Hampton <i>Adoption of lead-free ammunition in Australian wildlife management</i>	Emmet Mulcahy <i>Understanding Perceptions of Invasive Species Management</i>
10:45	Bonita Mendel <i>Multispecies prioritisation for conservation actions: Evaluating urban rewilding potential of 38 Australian mammal species</i>	Tom Brookman <i>Reducing lead use in ungulate control to mitigate lead poisoning risk to scavengers; practical ammunition trials, findings and implications.</i>	Brooke Kennedy <i>Keeping Cats Safe at Home: A Holistic Approach to Domestic Cat Management in NSW</i>
11:00	Matt Smith <i>Scaling Up PAM: Multispecies Bird Classifier Detects Legacy Effects of Artificial Water Points 14 Years Post-Destocking</i>	Jim Hone <i>A pathogen's demise towards extinction? A case study of cause and effect</i>	
11:15	Olivia Kimber <i>Getting the Most from Accelerometers: Building Reliable Behavioural Models for Dingoes</i>	Mark Neill <i>Eradicating Bovine Tuberculosis from Wildlife and livestock in New Zealand: Progress and challenges</i>	Phyo Thuzar Win <i>Social uses of a coastal mangrove and wild bird hunting practices: Case study in Meinmahla Kyun Wildlife Sanctuary Myanmar</i>
11:30	Alexander Dibnah <i>Non-lethal dingo management to benefit threatened species conservation, public safety and ecosystem resilience</i> Mohamed Safeer Mohamed Ismail <i>Optimising the possum (<i>Trichosurus vulpecula</i>) lures to improve the efficiency of ground-based pest control.</i>	Giorgia Vattiato <i>Mapping possum TB: a spatial model for smarter control</i>	Stephen Hartley <i>Predator-Free Wellington: progress to date and future prospects</i>
11:45	Trade Exhibitor introductions	Narelle Dybing <i>City Invaders, Hidden Dangers: The One Health Risks of Urban Ferals</i>	Sally Fuik-Burgemeestre <i>Yay or Neigh? Do feral horses influence habitat use and movement of small mammals in subalpine Australia?</i>
12:00	Lunch	Lunch	Lunch

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	New technology and new innovations	Open	Open
13:00	Caughley Medal talk Grant Norbury Lessons in wildlife science and management	Caughley Medal talk Bruce Warburton 1977 to 2025 (Wildlife management: some lessons from my career and from Graham Caughley)	Maartin Strauss <i>Understanding the mechanistic drivers of animal movement patterns can improve wildlife monitoring and management</i>
13:15			Sebastien Comte <i>Movement-informed behaviours and habitat selection of introduced fallow deer in eastern Australia</i>
13:30	Tracey Kreplins <i>Integrating autonomous technology to conserve dingoes and manage wild dogs.</i>	Jean-Louise Roberts <i>Brushtail possum intensive removal and low-density elimination across mixed habitats, Banks Peninsula</i>	Amy Whitehead <i>Himalayan tahr and alpine ecosystems: Insights from 30 years of vegetation monitoring</i>
13:45	Gracie Kroos <i>Where's wallaby? Using airborne environmental DNA to detect mobile, elusive terrestrial pests</i>	Laura Grant <i>Drivers of behavioural responses towards bait stations in introduced rats: the effect of material and rat origin</i>	Stuart Dawson <i>Can thermal imaging improve aerial shooting of feral deer to achieve 'p'?</i>
14:00	Katie Ward-Allen <i>Enabling landscape-scale control of feral cats and stoats with a readymade 1080 predator bait for New Zealand</i>	Shani Masani <i>Fooling the Fox: Can One Bird's Scent Save Another?</i>	Tarnya Cox <i>Investigations into aerial shooting approaches to achieve rapid removal of invasive animals</i>
14:15	Graham Hickling <i>Can bait additives that trigger dopamine release help when targeting bait- and trap-shy vertebrate pests?</i>	Georgia Pringle <i>Investigating the effect of lures on feral cat (<i>Felis catus</i>) detection and behaviour</i>	Abby Bratt <i>Bayesian multi-state mark-resight modeling of cause-specific mortality and survival of European fallow deer in Australia</i>
		Cathy Price <i>Do mammalian nest predators use multiple cues to find nests? A test of multimodal information use</i>	
14:30	Afternoon tea	Afternoon tea	Afternoon tea

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15:00	Sze Wing Yiu <i>Discriminating footprints to improve identification of congeneric rat species</i>	Patrick Garvey <i>Behavioural variation and trap design shape selective removal in rodent management</i>	Heloise Pavanato <i>Multi-species abundance estimates using three-observer mark-recapture distance sampling in Cuttaburra Basin, New South Wales</i>
	Simon Croft <i>Multimodal Technologies for Cane Toad Biosecurity</i>		Darryl MacKenzie <i>Is it still there? Assessing the effectiveness of eradication programmes using occupancy models.</i>
15:15	Chris Muller <i>Revolutionising Wildlife Management with Multi-Track Aerial VHF Telemetry and AI-Based Animal Recognition</i>	Mareshell Wauchope <i>Anchoring animals in translocations – harnessing behaviour-based strategies to improve rewilding success</i>	Luke Sutton <i>Caught on camera: Estimating wallaby densities using camera trapping in Aotearoa</i>
15:30	Al Glen <i>The sound silence or the sound of violence? Aggressive vocalisations attract brushtail possums</i>	Leith Meyer <i>Monitoring animal welfare during rhinoceros translocation – a multivariate approach</i>	Sze Wing Yiu <i>Estimating feral cat population densities and detection probabilities in Aotearoa</i>
15:45	Tony DeNicola <i>Innovating in Wild Pig Control: Development of the Pig Brig® Trap System for Scalable, Adaptive Management</i>	Xenia Muenger <i>Knowing the unknown: Do population model predictions improve with hindsight?</i>	Jo Carpenter <i>Competitive release of invasive mammals leads to perverse outcomes for native seed abundance</i>
16:00	Stephen Frankenberg <i>A tri-phasic strategy for genetic biocontrol of invasive vertebrate pests</i>	James Vandersteen <i>Top down effects of a top dog</i>	Jeroen Jansen <i>Outside the fence: strategic removal of rabbit warrens as a large-scale approach to restore and connect natural habitat for wildlife</i>
16:15	Stefano Daza Arango <i>Restoring the past to protect the future: How Moa de-extinction is reimagining how we protect biodiversity</i>	Niraj Meisuria <i>From Competition to Contamination: How Apex Scavengers Shape Carrion Pathways</i>	Closing ceremony and prize giving
16:30	Panel discussion: Emerging genetic tools & de-extinction	AGM	