



AVPC 2021, Tuesday 25 May 2021			
9.00am	Welcome, <i>EIC Chair</i>		
9.10am	Welcome to Country, <i>speaker to be announced</i>		
9.15am	Official opening, <i>speaker to be announced</i>		
9.30am	Plenary 1: Setting the scene disruption (tech / innovation / society)		
9.30am	Digital disruption future, Prof Hugh Bradlow , President, Australian Academy of Technology & Engineering		
9.45am	Genetic disruption future, Prof Matt Trau , Co-founder, Australian Institute for Bioengineering & Nanotechnology & Xing Technologies		
10.00am	Invasives management 2051, Andreas Glanzig , CEO, Centre for Invasive Species Solutions		
10.15am	Panel session with live Q&A, facilitated by Naomi Edwards, MC , featuring Prof Hugh Bradlow, Prof Matt Trau, Andreas Glanzig		
10.30am	Take a break, visit our virtual exhibitors, or meet with fellow delegates using the Meeting Hub		
11.00am	Concurrent 1A: Strategic interventions	Concurrent 1B: Cats	Workshop 1:
11.00am	Successful genome editing in cane toads: enabling genetic biocontrol options to mitigate cane toad impacts in threatened ecosystems, Dr Mark Tizard , CSIRO Health & Biosecurity, VIC	<i>To be announced</i>	Behaviour change workshop, <i>details to be announced</i>
11.15am	Standardisation of eDNA for Vertebrate Pest Surveillance, Dr Dianne Gleeson , University of Canberra, ACT	The 'Feral cat free French Island project' – on track or de-railed?, Michael Johnston , Scientec Research, VIC	
11.30am	The potential and the challenge of engineering gene drives for vertebrate pest control, Thomas Prowse , University of Adelaide, SA	Demographics of stray and feral cats – growth rate, reproduction and survival of an invasive predator, Prof Trish Fleming , Murdoch University, WA	

11.45am	Virulence and welfare impacts of RHDV2 in adult and young domestic rabbits, Dr Robyn Hall , CSIRO, ACT	Establishment of ecological benchmarks proceeding a feral cat eradication, Dr Elizabeth Znidersic , Charles Sturt University, NSW	
12.00pm	Integrated viral and genetic biocontrol of Tilapia, Dr Agus Sunarto , CSIRO Health and Biosecurity, VIC	Development of a feline immunocontraceptive for the population control of feral cats in Australia, Ellen Cottingham , University of Melbourne, VIC	
12.15pm	<i>To be announced</i>	<i>To be announced</i>	
12.30pm	Take a break, visit our virtual exhibitors, or meet with fellow delegates using the Meeting Hub		
1.30pm	Plenary 2: Predator Free NZ		
1.30pm	Predator Free NZ, <i>speakers to be announced</i>		
2.00pm	Concurrent 2A: Predator Free NZ	Concurrent 2B: Rabbits	Concurrent 2C: Workshop
2.00pm	Partnering with Maori to achieve Predator Free 2050, Thomas Malcolm , Te Tira Whakamataki, NZ	National rabbit biocontrol optimisation – assessing the potential of RHDV2 as a registered biocide, Dr Tanja Strive , CSIRO Health & Biosecurity, ACT	So you think you can pitch? Media skills, Ian McDonald , Centre for Invasive Species Solutions
2.15pm	The research strategy for Predator Free 2050, Prof Dan Tompkins , Predator Free 2050, NZ	Distribution of different rabbit haemorrhagic disease viruses in Australia: What's the current state of play?, Dr Robyn Hall , CSIRO, ACT	
2.30pm	'Tools to Market' and 'Products to Projects' – research under way towards a Predator Free New Zealand, Dr Elaine Murphy , NZ Department of Conservation	Impacts of two novel strains of rabbit haemorrhagic disease virus on wild rabbit populations in Australia, Dr Dave Ramsey , Arthur Rylah Institute, VIC	
2.45pm	The remove and protect model in the Perth River valley (New Zealand), Phil Bell , Zero Invasive Predators, NZ	Comparative epidemiology of rabbit haemorrhagic disease virus strains from viral sequence data, Dr Carlo Pacioni , Arthur Rylah Institute, VIC	
3.00pm	Eradication Science: eliminating the last survivors to achieve predator freedom, Dr Chris Jones , Manaaki Whenua - Landcare Research, NZ	When population resilience to stressful conditions depends on microclimate access; simulating the population dynamic of the invasive rabbit in Australia, Emilie Roy-Dufresne , CSIRO Health & Biosecurity, ACT	
3.15pm	Two years Towards Predator Free Taranaki, Steve Ellis , Taranaki Regional Council, NZ	Aliens built the pyramids. A loss of know-how in a knowledge rich environment, Tim Bloomfield , Environment First, VIC	
3.30pm	Take a break, visit our virtual exhibitors, or meet with fellow delegates using the Meeting Hub		

4.00pm	Concurrent 3A: Deer 1	Concurrent 3B: Fenced reserves	Concurrent 3C: Outreach 1
4.00pm	Impacts of wild fallow deer (dama dama) on NSW pastoral properties during severe drought, Dr Naomi Davis , University of Melbourne, VIC	Wildlife population trends within and around pest-fenced areas of western Queensland: not much ado about something, Dr Benjamin Allen , University of Southern Queensland, QLD	Community led Invasive Species Management, Lauren Hull
4.15pm	Chital deer select areas with high phosphorous and access to water, Catherine Kelly , James Cook University, QLD	Not just a fence, Andrew Perkins, Tim Smith , Remote Area Planning & Development Board, QLD	
4.30pm	Assessing the effects of deer management on endangered Alpine Peatlands: The Alpine National Park Deer Control Trial, Daniel Brown , Parks Victoria, VIC	<i>To be announced</i>	
4.45pm	Managing a peri-urban rusa deer population in South-Eastern Australia, Dr Sebastien Comte , NSW Department of Primary Industries, NSW	<i>To be announced</i>	
5.00pm	Designing a deer aggregator that attracts feral deer and excludes kangaroos, possums and birds, Dr Annelise Wiebkin , PIRSA, SA	<i>To be announced</i>	
5.15pm	Launch of Victorian Deer Network, Peter Jacobs , Victorian Deer Network, VIC	<i>To be announced</i>	
5.30pm	Day 1 wrap up, Naomi Edwards , MC		
6.00pm-7.00pm	Invited guest presentation, <i>speaker to be announced</i>		

AVPC 2021, Wednesday 26 May 2021			
9.00am	Welcome, Naomi Edwards, MC		
9.15am	<i>Speaker to be announced</i>		
9.30am	Plenary 3: Future application (governance / collaboration / network tech)		
9.30am	Cross tenure regional management, <i>speaker to be announced</i>		
9.45am	Indigenous land management future, <i>speaker to be announced</i>		
10.00am	Behavioural science, <i>speaker to be announced</i>		
10.15am	Panel session with live Q&A, facilitated by Naomi Edwards, MC , <i>panellists to be announced</i>		
10.30am	Take a break, visit our virtual exhibitors, or meet with fellow delegates using the Meeting Hub		
11.00am	Concurrent 4A: Wild Canids 1	Concurrent 4B: Community IPM	Concurrent 4C: Open session 1
11.00am	Strengths and weaknesses of the National Wild Dog Action Plan 2014-2019: A truly collaborative Industry led National Strategy, Geoff Power , NWDAP Coordination Committee, SA, Greg Mifsud , Centre for Invasive Species Solutions, ACT	Designing targeted interventions to increase participation in coordinated wild dog control, Dr Lynette McLeod , University of New England, NSW	Are native mammals more resilient to fire in fox-baited landscapes?, Vishnu Ramachandran Menon , University of Melbourne, VIC
11.15am	Using wild dog DNA to manage the feral future: a case study in north east NSW, Dr Peter Fleming , Vertebrate Pest Research Unit	Managing feral deer....it's all about the people, Dr Annelise Wiebkin , PIRSA, SA	Application of close-kin mark-recapture for estimating pre-control abundance of pest mammals, Dr Andrew Gormley , Manaaki Whenua - Landcare Research, NZ
11.30am	Managing peri-urban wild dogs with canid pest ejectors, Dr Lana Harriott , Department of Agriculture and Fisheries QLD	Community led planning for invasive animal management, Darryl Low Choy , Griffith University, QLD	Rebuilding the South Australian Dog Fence, Brad Page , PIRSA, SA
11.45am	Pieces of the puzzle: Insights into fox control in the Otway Ranges using non-invasive genetic sampling, Mark Le Pla , Conservation Ecology Centre, VIC	King Parrot Catchment Fox Control Project (KPCFC project). A successful landscape-scale, cross-jurisdictional, community-based pest predator animal project in action, Mark Feltrin , The Emerald Plan Foundation, VIC	The conservation equation: integrated vertebrate pest management to achieve conservation outcomes, Derek Sandow , Parks Victoria, VIC
12.00pm	Red fox movements in the Pilbara, Western Australia, John-Michael Stuart , Murdoch University, WA	Recognised Biosecurity Groups in Western Australia - Why they matter and what is their role?, Linda Vernon , Central Wheatbelt Biosecurity Association, WA	The future of Australian Government policy and legislation for threat abatement, Dr Julie Quinn , Department of the Environment and Energy, ACT

12.15pm	Is fox control as effective as we think? - Using an individual-based spatially-explicit population model to assess effectiveness, Dr Lachlan Francis, Dr Alan Robley , Department of Environment, Land, Water & Planning, VIC	Community engagement strategies for improving feral pig management: integrating biophysical and human dimensions research, Darren Marshall , Southern Queensland Landscapes, QLD	What is the value of national pest management datasets?, Dr Nyree Stenekes , Australian Bureau of Agricultural & Resource Economics, ACT
12.30pm	Take a break, visit our virtual exhibitors, or meet with fellow delegates using the Meeting Hub		
1.30pm	Plenary 4: Carp		
1.30pm	Speakers to be announced		
2.00pm	Concurrent 5A: Islands	Concurrent 5B: Carp	Concurrent 5C: Deer 2
2.00pm	Island conservation in Victoria: challenges and opportunities, Dr Duncan Sutherland , Phillip Island Nature Parks, VIC	Perceptions of risk, burden and trust in the release of a biological agent to control European carp in Australian waterways, Dr Lucy Carter , CSIRO, QLD	Identifying success factors in government and community collaboration for deer management: lessons from the Upper Murray, Lyn Coulston , Upper Murray Landcare Network, VIC
2.15pm	Targeting invasive introduced species to protect threatened species across Australian islands, Dr Peter Baxter , University of Queensland, QLD	The National Carp Control Plan: Essential studies on cyprinid herpesvirus 3 (CyHV-3) prior to release of the virus in Australian waters, Dr Nick Moody , CSIRO AAHL, VIC	Using kinship analysis to infer dispersal and culling success of hog deer (axis porcinus) in Wilsons Promontory National Park, Australia, Erin Hill , La Trobe University, VIC
2.30pm	Feral cat eradication on Dirk Hartog Island, Western Australia, Michael Johnston , Scientec Research, VIC	JGC, a chink in carp's armour, Dr Jawahar Patil , University of Tasmania, TAS	Effectiveness of aerial shooting for controlling wild deer in Australia, Dr Dave Forsyth , Department of Primary Industries, NSW
2.45pm	Findings from a study investigating the feasibility of eradicating pigs, mice and cats from Auckland Island, New Zealand, Finlay Cox , Department of Conservation, NZ	The National Carp Control Plan: Ecological risk assessment for the release of Cyprinid herpesvirus 3 (CyHV-3) for carp biocontrol in Australia, Dr Sam Beckett , CSIRO Data 61, ACT	Animal welfare assessment of ground shooting for wild Australian deer, Dr Jordan Hampton , Murdoch University, WA
3.00pm	Innovative solutions for invasive species management and avoidance on Christmas Island, Kerrie Bennison , Christmas Island National Park, WA	Virus efficacy and emotion in predicting acceptance for the use of carp herpes virus (CyHV-3) to control invasive carp, Dr Aditi Mankad , CSIRO, QLD	Effectiveness of control of chital deer populations in the North Queensland dry tropics, Dr Tony Pople , Biosecurity QLD, QLD
3.15pm	Monitoring the impacts of 1080 aerial baiting on the spotted-tailed quoll (Dasyurus maculatus), an endangered marsupial carnivore, during the breeding season, Dr Andrew Claridge , Department of Primary Industries, NSW	To be announced	Broadscale monitoring of feral deer population trends and control effort in Queensland peri-urban environs, Matthew Amos , Biosecurity Queensland, QLD
3.30pm	Take a break, visit our virtual exhibitors, or meet with fellow delegates using the Meeting Hub		

4.00pm	Concurrent 6A: Cultural icons	Concurrent 6B: Wild Canids 2	Concurrent 6C: Open 2
4.00pm	Efficacy and welfare assessment of the Curiosity® feral cat bait, Michael Johnston , <i>Scientec Research, VIC</i>	Planning to succeed: How National Wild Dog Action Plan helps landholders regain control of the wild dog problem in Victoria, Simon Lawlor , Sonya Lawlor , <i>Omeo Landholder, VIC</i> , Greg Mifsud , <i>Centre for Invasive Species Solutions, ACT</i>	FeralScan community invasive species monitoring program - Update and future directions, Peter West , <i>Department of Primary Industries, NSW</i>
4.15pm	What is required to achieve effective wild horse management?, Dr David Berman , <i>University of Southern Queensland, QLD</i>	Community driven wild dog management in the South Australian arid lands, Chris Havelberg , <i>South Australian Arid Lands Natural Resources Management Board, SA</i>	Collaborative management of feral donkeys in northern Western Australia, Magdalena Zabek , <i>Department of Primary Industries & Regional Development, WA</i>
4.30pm	Exploring the role of fertility control in urban kangaroo management, Dr Melissa Snape , <i>Environment, Planning & Sustainable Development Directorate, ACT</i>	Wild dog management using exclusion fencing and baiting in Western Australia, Dr Malcolm Kennedy , <i>Department of Agriculture and Fisheries, QLD</i>	Quantifying invasive predator densities using spatial count models to inform and assess ongoing management in central South Australia, Rebecca Groenewegen , <i>University of Melbourne, VIC</i>
4.45pm	Addressing animal welfare concerns within non-commercial kangaroo shooting programs, Oliver Orgill , <i>ACT Parks & Conservation Service, ACT</i>	The impact of community and personal engagement to increase participation in wild dog control through independent facilitation, David Worsley , <i>Australian Wool Innovation, NSW</i>	What does successful Tilapia management in NSW look like?, Karina Worrell , <i>Department of Primary Industries, NSW</i>
5.00pm	<i>To be announced</i>	Inducing wild dog curiosity: Trialling lures for canid pest ejectors, Dr Tracey Kreplins , <i>Department of Primary Industries & Regional Development, WA</i>	Investigations into home range and movement behaviour of the invasive stoat (<i>Mustela erminea</i>) in low densities in New Zealand, Dr Chris Niebuhr , <i>Manaaki Whenua – Landcare Research, NZ</i>
5.15pm	<i>To be announced</i>	Dingoes/Wild dogs- Conservation control management, Warren Schofield , <i>ACT Government, ACT</i>	Understanding neospora infections of wild dogs in Victoria, Dr Teresa Carvalho , <i>La Trobe University, VIC</i>
5.30pm	Day 2 wrap up, Naomi Edwards , <i>MC</i>		
6.00pm	Fireside chat with your National Coordinators, facilitated by Richard Price , <i>Centre for Invasive Species Solutions</i> , featuring Greg Mifsud , <i>National Wild Dog Coordinator</i> , Heather Channon , <i>National Feral Pig Coordinator</i> , Annalise Wiebkin , <i>National Feral Deer Coordinator</i> & a local coordinator, to be announced		

AVPC 2021, Thursday 27 May 2021				
9.00am	Welcome, Naomi Edwards, MC			
9.15am	Address, The Hon David Littleproud MP, Minister for Agriculture, Drought & Emergency Management			
9.30am	Plenary 5: Future pests / Future disease vector challenges / Climate change adaptation			Kids' Conference
9.30am	Impact of climate change, Dr Andy Sheppard, Research Director, Managing Invasive Species & Diseases, CSIRO			Details to be announced
9.45am	Future disease risks and feral management strategies, Dr Helen Scott-Orr, former Inspector-General of Biosecurity (2016-2019), Department of Agriculture & Water Resources			
10.00am	Emerging threats, Adam Toomes, PhD Candidate, Invasion Science & Wildlife Ecology Group, University of Adelaide			
10.15am	Panel session with live Q&A, facilitated by Naomi Edwards, MC, featuring Dr Andy Sheppard, Dr Helen Scott-Orr, Adam Toomes			
10.30am	Take a break, visit our virtual exhibitors, or meet with fellow delegates using the Meeting Hub			
11.00am	Concurrent 7A: Surv / incur	Concurrent 7B: Open 3	Concurrent 7C: Speed talks	Kids' Conference
11.00am	Biosecurity and the illegal pet trade: using U.S. demand to anticipate future incursions in Australia, Oliver Stringham, University of Adelaide, SA	Influence of background food on uptake of alternative bait substrates by feral house mice, Stephen Henry, CSIRO Health & Biosecurity, ACT	Genetic options for controlling pest fish in the Australian landscape— A case study of Gambusia, Dr Jawahar Patil, University of Tasmania, TAS Managing yellow crazy ants on Christmas Island, Kerrie Bennison, Christmas Island National Park, WA	Details to be announced
11.15am	A collaborative and national approach for understanding vertebrate pest distribution in Australia, Dr Katherina Ng, Australian Bureau of Agricultural & Resource Economics	Conservation agriculture practices have changed the habitat use of feral house mice in an agricultural matrix: implications for management, Peter Brown, CSIRO Health & Biosecurity, ACT	Future proofing biosecurity and behavioural change, Ross Lourie, Waratah Fencing Products, NSW Wild dog management and trophic interactions in landscape-scale cell fencing, Moses Omogbeme, Murdoch University, WA Improving kangaroo management programs through identifying explicit target outcomes, Dr Melissa Snape, Environment, Planning & Sustainable Development Directorate, ACT	
11.30am	Improving environmental DNA surveillance frameworks for an invasive pest species, Jack Rajahn, University of Canberra, ACT	Secondary poisoning of predatory animals from anticoagulant rodenticides: a snapshot study, Dr Stephanie Pulsford, ACT Government, ACT	Invasive predator avoidance on Christmas Island-saving the Christmas Island blue tailed skink, Kerrie Bennison, Christmas Island National Park, WA	
11.45am	Looking for some hot stuff! Effective use of thermal imagers in wildlife surveys, Dr Tarnya Cox, Department of Primary Industries, NSW	MinkPolice - NB-IoT internet of things in pest control, Heiko Kaiser, Alpeco / D2k, NZ	Helicopter darting chital deer (Axis axis) in North Queensland, Michael Brennan, Biosecurity QLD, QLD What are the impacts of Fallow Deer on Tasmanian vegetation?, Thomas Guy, University of Tasmania, TAS	
12.00pm	Comparative detection probabilities, surveillance	A bioeconomic analysis of the 'value' of cell fencing in the	Using QPCR to determine the likelihood of faecal pellet DNA amplification success, Erin Hill, LaTrobe University, VIC	

	sensitivity and costs of four survey methods for managing Bennett's wallaby in South Island, New Zealand, Bruce Warburton , <i>Manaaki Whenua-Landcare Research, NZ</i>	southern rangelands, Dr Stuart Dawson , <i>Murdoch University, WA</i>	<p>Delineating genetic management units of sambar deer (<i>rusa unicolor</i>) in South Eastern Australia, Christopher Davies, <i>Federation University Australia, VIC</i></p> <p>Fallow and Sambar Deer in the Australian Capital Territory: advances in monitoring and management, Dr Stephanie Pulsford, <i>ACT Government, ACT</i></p>	
12.15pm	<i>To be announced</i>	Risk-based inventory of pest animal priorities in Queensland, Dr Lana Harriott , <i>Department of Agriculture and Fisheries QLD</i>	<p>Changing policy to reinvigorate control of feral deer in South Australia, Dr Annelise Wiebkin, <i>PIRSA, SA</i></p> <p>Tools, strategies and collaboration: working towards eradicating feral cats (<i>Felis catus</i>) on Christmas Island, Indian Ocean, Kerrie Bennison, <i>Christmas Island National Park, WA</i></p> <p>To be announced</p> <p>Working together to build a very big dog fence: lessons from the Murchison Cell, Debbie Dowden, <i>University of New England, WA</i></p> <p>Estimating the efficacy of reactive wild dog control measures, Dr Carlo Pacioni, <i>Arthur Rylah Institute, VIC</i></p> <p>A new monitoring and reporting tool for community-based surveillance for new incursions of non-native animals, Emma Sawyers, <i>Department of Primary Industries, NSW</i></p> <p>It takes a village to raise the alarm - Engaging communities in pest animal incursion management, Nathan Cutter, <i>Department of Primary Industries, NSW</i></p> <p>Development of a rodent bait with slug-repellent properties, Tyler Bogardus, <i>University of Hawaii, USA</i></p> <p>Benefits, shortcomings, and hacks when using evorta image recognition software for camera trap data analysis, Damian Byrne, <i>Outdoor Cameras Australia, QLD</i></p> <p>Death from above - The use of drones for vertebrate control, Samuel Vye, <i>Environment & Conservation Technologies, NT</i></p>	
12.30pm	Take a break, visit our virtual exhibitors, or meet with fellow delegates using the Meeting Hub			

1.30pm	Concurrent 8A: Automated	Concurrent 8B: IPM	Concurrent 8C: Feral pigs	Kids' Conference
1.30pm	Vertebrate pest monitoring at a landscape scale, Chris Gaschk , <i>Western Downs Regional Council, QLD</i>	Title to be announced, Heleen Kruger	Reducing threats from feral pigs: National Feral Pig Action Plan 2021-2031, Dr Heather Channon, Jess van de Weyer , <i>National Feral Pig Action Plan, ACT</i>	<i>Details to be announced</i>
1.45pm	Effectiveness of automatic traps for landscape level rodent control, Tyler Bogardus , <i>University of Hawaii, USA</i>	A collaborative regional Pest Animal Management Approach - a partnership of local government and land management agencies leading the way!, Nadine Gaskell , <i>Knox City Council, VIC</i>	Using monitoring data to engage landholders in coordinated feral pig control, Marieke Jansen , <i>Northern Biosecurity Group, WA</i>	
2.00pm	Trials of automatic lure dispensers and luring practices for Goodnature® Ltd. A24 self-resetting traps for ship rat (<i>Rattus rattus</i>) control, Dr Craig Gillies , <i>Department of Conservation, NZ</i>	Breeding like rabbits – multiplying effect of sharing knowledge, Heidi Kleinert , <i>Agriculture Victoria, VIC</i>	Pulling together to solve a new feral pig incursion, Lisette Mill , <i>Basalt to Bay Landcare Network, VIC</i>	
2.15pm	Automated detection software for differentiating multiple species from thermal imagery, Dr Peter Adams , <i>Department of Primary Industries & Research Development, WA</i>	Rabbit control.....providing people with all the tools, Kandarp Patel , <i>PIRSA, SA</i>	<i>To be announced</i>	
2.30pm	Technology for locating invasive and judas animals in real time, Debbie Saunders , <i>Wildlife Drones, ACT</i>	Modelling the distribution of a wide-ranging invasive species using the sampling efforts of expert and citizen scientists, Emilie Roy-Dufresne , <i>CSIRO Health & Biosecurity, ACT</i>	<i>To be announced</i>	
2.45pm	Cost effective, longterm, autonomous vertebrate image recognition for species monitoring at scale using commodity trail cameras and researcher-trained artificial intelligence, Hamesh Shah , <i>Evorta Autonomous Vision, QLD</i>	Developing a plan of action for the invasive red-eared slider turtle in NSW, Emma Sawyers , <i>Department of Primary Industries, NSW</i>	<i>To be announced</i>	
3.00pm	Take a break, visit our virtual exhibitors, or meet with fellow delegates using the Meeting Hub			
3.30pm	Plenary 6: Whole of system			
3.30pm	Panel session, <i>speakers to be announced</i>			

5.00pm	Conference wrap up, Naomi Edwards, MC Prizes awarded, <i>speaker to be announced</i>
5.30pm	Close of AVPC 2021