

# PROGRAMME

## DAY ONE Wednesday 1 December 2010

- 8.30am Opening and Welcome - AWMS President Terry Korn  
8.45am KEYNOTE - How Climate Change will Change Wildlife Management - *Tim Low*

### OPEN SESSION 1

- 9.15am Four important issues to consider when managing natural-resource based systems - *Braysher, Mike; Krebs, Charles; Buckmaster, T.*  
9.30am Single-species and trophic-interactive models of animal population dynamics: does it matter when predicting extinction risk? - *Choquenot, Dave*  
9.45am Fishery bycatch of Australian sea lions in commercial shark nets: action taken in 2010 to alleviate the problem - *Shaughnessy, Peter; Goldsworthy, S; Page, B.*  
10.00am Within and between sex range use overlaps in southern Kalahari leopards - *Bothma, Jacobus; Bothma, M.*

### 10.15am MORNING TEA

### OPEN SESSION 2 - CONCURRENT

- 10.45am Use of habitat by koalas in tropical environments - *Clifton, Delma*  
11.00am Dispersing sub-adults koalas use of habitat - *Tucker, Gail*  
11.15am How do wildlife rehabilitators contribute to the management of Koalas in NSW? - *Lunney, Dan; Bryant, Jessica; Orschesg, Corinna*  
11.30am From experimental field trials to full scale wildlife management: the use of gestagen implants for fertility control in koala populations impacting on their habitat in south-eastern Australia - *Handasyde, Kath; Hynes, Emily; Shaw, Geoff; Renfree, Marilyn*  
11.45am The epidemiology and pathology of chronic industrial fluoride toxicosis in macropods - *Death, Clare*  
12.00pm Holiday haven or ecological trap? High adult mortality in urban kangaroos - *Coulson, Graeme; Cripps, Jemma; Wilson, Michelle*

### STUDENT SESSION 1 - CONCURRENT

- 10.45am Is the current "Operation Nest Egg" (O.N.E.) practice maximising rowi (*Apteryx rowi*) recruitment, survival and fitness? - *Abbott, Rachael; Bell, Ben*  
11.00am Population genetics as a tool for wildlife management: A case study on the platypus, *Ornithorhynchus anatinus* - *Furlan, Elise; Griffiths, j; Gust, N.; Armistead, R.; Mitrovski, P.; Umina, P.; Weeks, A.*  
11.15am A Preliminary Study Assessing Risk to Tasmanian Devils from Poisoning for Red Foxes - *Hughes, Channing; Gaffney, Robbie; Dickman, Christopher*  
11.30am Interpreting and applying home range data: A case study with black rhinoceros - *Plotz, Roan; Linklater, Wayne*  
11.45am The effectiveness of pond draining and its role in the adaptive management of a green and golden bell frog (*Litoria aurea*) population - *Pollard, Carla; Stockwell, M.; Garnham, J.; Pickett, E.; Clulow, J.; Mahony, M.*  
12.00pm Demographic changes of a woylie (*Bettongia penicillata*) population with increasing density in a fenced reserve - *Yeatman, Georgina; Mills, H.; Page, M.*

### 12.15pm LUNCH

### SYMPOSIUM 1 - CONSERVATION OF WILDLIFE ACROSS LANDSCAPES

- 1.15pm Wildlife Management in Southern African landscapes: challenges for the future - *Reilly, Brian*  
1.40pm Evolutionarily significant units for conservation across landscapes: phylogeography of the brush-tailed rock-wallaby - *Hazlitt, S.; Browning, T.; Goldizen, A.; Nicholls, J.; Eldridge, Mark*  
1.52pm Endangered species as flagships for landscape conservation - *Leigh, Kellie*  
2.04pm Conservation across landscapes at the Australian Wildlife Conservancy using Scotia Sanctuary as a case study - *Hayward, Matt; Legge, Sarah; Cathcart, Tony*  
2.16pm Dingoes: managing for ecosystem resilience and pastoral productivity - *Ritchie, Euan*  
2.28pm Invasive species management: towards an integrated landscape approach - *Glen, Al; Pech, R.; Byrom, A.*  
2.40pm Harvesting kangaroos across NSW: balancing conservation and economics - *Payne, Nicole*  
2.52pm DISCUSSION

### 3.00pm AFTERNOON TEA

### OPEN SESSION 3 - CONCURRENT

- 3.30pm Enumeration of European rabbits on Robben Island, Western Cape, South Africa - *Reilly, Brian; Harley, V.; von Brandis, R.*  
3.45pm Rabbit impacts on landscape restoration - *Arthur, Tony; McPhee, S.; Bloomfield, T.; Vincent, N.; Lindeman, M.; Main, M.; Stuart, I.; Forsyth, D.*  
4.00pm Managing feral goats through manipulating their access to water - *Russell, Benjamin; Letnic, M.; Tracey, J.; Fleming, P.*  
4.15pm The Warragamba Special Area Feral Pig Project - *Purcell, Brad; Mitchell, B.; Hammill, K.; Giese, M.*  
4.30pm Ecological processes behind wildlife management patterns; 25 years of feral pig research - *Hone, Jim*  
4.45pm Protecting agriculture and threatened species internationally through the use of a human food preservative? - *Lapidge, Steve; Wishart, Jason; Humphrys, Simon; Smith, Michelle; Staples, Linton; Eason, Charlie; McMorran, Duncan; Fagerstone, Kathy*

### STUDENT SESSION 2 - CONCURRENT

- 3.30pm Do rope bridges prevent possums from being squashed on roads and re-connect their habitats? - *Yokochi, Kaori; de Tores, P.; Kennington, J.; Clarke, J.; Bencini, R.*  
3.45pm Interactions between predators and their prey in the Greater Blue Mountains World Heritage Area - *Pascoe, Jack; Mulley, Robert; Chapple, Rosalie; Spencer, Ricky*  
4.00pm The response of woodland-dependant birds to scattered paddock tree densities in Western Victoria - *Stevens, Kate; Cooke, R.; Clarke, R.*  
4.15pm The distribution of three nocturnal bird species across a suburban-forest gradient - *Weaving, Marian; White, J.; Isaac, B.; Cooke, R.*  
4.30pm Ecomorphology of fox skulls in southwest Western Australia - *Forbes-Harper, Jesse; Crawford, Heather; Warburton, Natalie; Adams, Peter; Fleming, Patricia*  
4.45pm Parasites and pests: helminth fauna of red foxes (*Vulpes vulpes*) and feral cats (*Felis catus*) in southwest Western Australia - *Dybing, Narelle; Fleming, P.; Adams, P.*

# PROGRAMME

## DAY TWO Thursday 2 December 2010

### SYMPOSIUM 2 - THE HUMAN DIMENSIONS OF WILDLIFE MANAGEMENT

- 8.30am Are we barking up the wrong tree? Observations on community co-management of wild dogs in NSW, Australia - *Ballard, Guy; Fleming, P.*
- 9.00am A Call for Tourism Studies: Wildlife Experiences that Maximize Visitor Satisfaction and Minimize Impact on Wildlife - *Wolf, Isabelle; Croft, David*
- 9.15am Nature in the backyard - a study of community attitudes and behaviours - *Shaw, Amy; Miller, K.*
- 9.30am The cockatoos are in plague proportions – and they're in my back yard - *Temby, Ian*
- 9.45am Those Wicked, Wicked 'Roos - *Chalk, Pip*
- 10.00am Hope for resurrecting a functionally extinct parrot or squandered social capital? Landholder attitudes toward the Orange-bellied Parrot *Neophema chrysogaster* in Victoria, Australia - *Weston, M.; Miller, Kelly; Lawson, J.; Ehmke, G.*

### 10.15am MORNING TEA

### OPEN SESSION 4 - CONCURRENT

- 10.45am Twitching for values in the human domain: how do Australians value native birds? - *Ainsworth, Gill; Aslin, H.; Garnett, S.; Weston, M.*
- 11.00am Supplementary feeding of wild birds in Australia: A national pursuit! - *Plant, Michelle*
- 11.15am Human-wildlife conflicts – whose behaviour is the problem? - *Chapple, Rosalie*
- 11.30am Population dynamics of the Red Fox (*Vulpes vulpes*) during 27 years of hunting in South-West Gippsland and the Mornington Peninsula – Victoria, Australia - *West, Jack*
- 11.45am "Managing the communities Koala's" Koala management on Raymond Island, Gippsland. - *Waldegrave-Knight, Leona*
- 12.00pm The animal ethics process for wildlife researchers: a survey of costs and perspectives - *Banks, Peter; Bytheway, J.*

### STUDENT SESSION 3 - CONCURRENT

- 10.45am Orientation to forested patches: perceptual range of the red-bellied tree squirrel (*Callosciurus erythraeus*) introduced in Argentina - *Bridgman, Lucy; Benitez, Verónica; Grilli, Maricel; Mufato, Natalia; Acosta, Daniela; Guichón, Laura*
- 11.00am Like a rat up a drainpipe: A black rat bait station that protects native rodents - *Zewe, Frances; Meek, P.; Ford, H.; Vernes, K.*
- 11.15am Do inter-species interactions influence the effectiveness of multi-species pest control? - *Sam, Shona; Ogilvie, S.; Paterson, A.*
- 11.30am Olfactory camouflage weakens the foraging motivation of an alien predator - a novel approach to reduce the impacts of prey switching by stoats *Mustela erminea* - *Price, Catherine; Banks, Peter*
- 11.45am Quokka (*Setonix brachyurus*) recovery after 16 years of 1080 baiting to control foxes - *Dundas, Shannon; Adams, P.; Morris, K.; Fleming, P.*
- 12.00pm Dietary delicacies: the diet of two introduced predators in southwest Western Australia - *Crawford, Heather; Fleming, Patricia; Calver, Michael; Adams, Peter*

### 12.15pm LUNCH

### OPEN SESSION 5 - CONCURRENT

- 1.15pm Effect of camera distance on the likelihood of detecting Southern Brown Bandicoots - *Coates, Terry*
- 1.30pm Field of View: f-stop inappropriate use of remote cameras in the field of wildlife management! - *Meek, Paul; Ballard, G.; Fleming, P.; Vernes, K.*
- 1.45pm Using artificial cover object surveys to assess population trends for an endangered grassland pygopod, the Striped Legless Lizard, *Delma impar* - *Scroggie, Michael; Peterson, Garry; Detlef, Rohr*
- 2.00pm Shannon Diversity for genetic estimates of wildlife dispersal and structure - *Sherwin, William*
- 2.15pm How to design and test a potential chemical deterrent vertebrate assay? - *Bryant, Gillian; Parsons, K.; Dods, K.; Fleming, P.*
- 2.30pm Wildlife forensics & conservation in New Zealand - *Gleeson, Dianne; Prada, Diana; Howitt, Robyn*

### STUDENT SESSION 4 - CONCURRENT

- 1.15pm Are wildlife considered in weed management projects within Victoria? - *Carlos, Emma; Gibson, M.; Weston, M.*
- 1.30pm Do oblong turtles (*Chelodina oblonga*) use underpasses? - *McKeown, Emma; Kuchling, Gerald; Bencini, Roberta*
- 1.45pm Managing the complex and wicked nature of wildlife systems - *Kasbarian, Alicia; Ramsay, G.*
- 2.00pm Altered ranging behaviour in female koala as a result of treatment with the GnRH agonist deslorelin - *Greenfield, Andrew; Handasyde, K.; Shaw, G.; Renfree, M.*
- 2.15pm Managing the fertility of female western grey kangaroos (*Macropus fuliginosus ocydromus*) with deslorelin – a word of caution - *Mayberry, Christopher; Mawson, Peter; Maloney, Shane; Willers, Nicole; Bencini, Roberta; Martin, Graeme*
- 2.30pm Increasing community involvement in wildlife conservation: The merits of using an anthropomorphised flagship species - *Smith, Amy M.; Smith, Liam; Weiler, Betty*

### 2.45pm AFTERNOON TEA

### SYMPOSIUM 3 - THE SUSTAINABLE USE OF WILDLIFE IN THE SOUTH PACIFIC - WHERE TO FROM HERE?

- 3.15pm Eat, shoot...or grieve? Could sustainable use of wildlife help avert the demise of our species and landscapes? - *Cooney, Rosie*
- 3.45pm Voluntary Conservation Hunting on public land in NSW – integrating pest management and sustainable use for community and biodiversity benefit - *Moriarty, Andrew*
- 4.00pm Is hunter education the key to successful hunting in the region? - *English, Anthony*
- 4.15pm Enhancing Game Management Initiative - Promoting the value of wildlife habitats and monitoring of game populations in Victoria - *Brumley, Andrea; Turnbull, John; Dunstan, Heath*

### 5.00pm AWMS Annual General Meeting

# PROGRAMME

## DAY THREE Friday 3 December 2010

### OPEN SESSION 6 - CONCURRENT

- 8.45am Impact of drought and anthropogenic disturbances on platypus populations in the greater Melbourne region - *Griffiths, Josh*
- 9.00am Who Goes Where After eight Years of Drought in Eastern Australia - A Water bird Response! - *Korn, Terry; Terri, Peter; Kingsford, Richard; Porter, John*
- 9.15am The Australian Painted Snipe – Our New Wetland Species - *Thomas, Janelle; Rogers, Danny; Purnell, Chris*
- 9.30am Genetics, translocations and the management of threatened species - *Weeks, Andrew*
- 9.45am Who Gives a Hoot - what's happening to South Gippsland's Powerful Owls? - *Willig, Rolf; Atkins, Shane*
- 10.00am Southern Brown Bandicoot recovery: cooperative management across a landscape - *Coates, T.; Coutts, S.; Hick, J.; Nicholls, David; Smith, M.; Willig, R.*

### OPEN SESSION 7 - CONCURRENT

- 8.45am Predicting tree mortality due to herbivore browse damage - *Holland, Pen*
- 9.00am Field evaluation of para-aminopropiophenone (PAPP) for controlling stoats (*Mustela erminea*) in New Zealand - *Dilks, Peter; Shapiro, Lee; Greene, Terry; Eason, Charles; Murphy, Elaine*
- 9.15am Sodium nitrite – a potential new tool for the management of brushtail possums in New Zealand - *Blackie, Helen; Eason, Charlie; Lapidge, Steve; Hix, Steve; Shapiro, Lee; Aylett, Paul; MacMorran, Duncan*
- 9.30am How many rats and mice are killed by stoats? - *Jones, C.; Pech, Roger; Forrester, G.; King, C.; Murphy, E.*
- 9.45am Going with the flow: mammalian predator presence on islands in New Zealand's braided rivers - *Pickerell, Georgina; Seddon, P.; Wilson, D.; O'Donnell, C.*
- 10.00am Possum population dynamics in mixed podocarp forests - *Barron, Mandy; Ruscoe, Wendy; Sweetapple, P.; Perry, M.; Carran, R.*

### 10.15am MORNING TEA

### OPEN SESSION 8

- 10.45am Removal of livestock increases native vegetation richness and alters suites of invasive mammal pests in dry grassland/shrubland ecosystems - *Byrom, Andrea; Clayton, R.; Norbury, G.; Pech, R.; Whitehead A.*
- 11.00am The cattle industry might just be good for native marsupials: comparing behaviour models of grazing herbivores - *Tucker, Gail; Swain, Dave*
- 11.15am Changes in forest vegetation on Stewart Island over the last 30 years and the influence of white-tailed deer (*Odocoileus virginianus*) - *Duncan, Richard; Ruscoe, Wendy; Holland, Pen*
- 11.30am Diets of non-native sambar deer in Australia estimated by macroscopic versus microhistological rumen analysis - *Davis, Naomi; Forsyth, D.*
- 11.45am Creation of a national deer faecal pellet count database and its use to estimate long-term changes in deer abundance in New Zealand - *Forsyth, Dave*
- 12.00pm TBA

### 12.15pm LUNCH

### OPEN SESSION 9

- 1.15pm Influencing policy - report on AWMS symposium in October 2010 - *Korn, Terry*
- 1.30pm Relative influence of habitat, species interactions and climate on the population dynamics of southern NSW coastal fauna after fire - *Arthur, Tony; Catling, P.; Reid, A.; Burt, R.*
- 1.45pm Examining small mammal communities: How much do we need to know to conserve communities effectively? - *Cullen, Meghan; White, J.*
- 2.00pm Can returning the western quoll to fox-baited arid zone reserves assist recruitment of arid zone plants and ecosystem function in general? - *Peacock, David*
- 2.15pm Learning from planned burning – monitoring fauna habitat at a landscape scale to assess change across space and time - *Treloar, Shannon*
- 2.30pm Is an idyllic sun-drenched island enough? Conservation actions for the Lancelin Island Skink - *Pearson, David*

### 2.45pm AFTERNOON TEA

### SYMPOSIUM 4 - THE ECOLOGY AND MANAGEMENT OF COASTAL WILDLIFE

- 3.15pm Migratory birds: Their flyways, threats and their cost-effective conservation - *Klassen, Marcel*
- 3.45pm Distance does matter: Effects of boat approach distances on the behaviour of Indo-Pacific bottlenose dolphins - *Steckenreuter, Andre; Harcourt, R.; Möller, L.*
- 4.00pm Returning the balance: managing Hooded Plover nests on highly disturbed beaches in Victoria - *Maguire, Grainne; Weston, Michael; Ehmke, Glenn; Cullen, Meghan*
- 4.15pm Human dimensions of Managing Beach-nesting Birds - *Weston, Michael; Maguire, Grainne; Miller, Kelly; Stacey, Henry; Williams, Kathryn; Cullen, Meghan; Young, Kirsten; Rimmer James*
- 4.30pm Conference Closing - AWMS President Terry Korn

## PROGRAMME

### POSTER DISPLAYS

Poster Displays will be located in the pre-function area. Posters may be set up against their relevant Poster Number from Wednesday morning, 1 December and may be displayed for the duration of the Conference. All posters must be removed by afternoon tea time on Friday, 3 December.

Presenters will be available to discuss their posters during the lunch break on Thursday.

1. Reduction in Fox activity in the sand dunes of Sturt National Park: Effects on small terrestrial vertebrates, Cats and Rabbits - *Kloecker, Ulrike*
2. The Australian Pest Animal Strategy - *Dall, David*
3. Establishment of an Ecological Deer Management cooperative at Maragle, NSW - *Brown, Annette, Moriarty, A.*
4. Temporal and seasonal use of compensatory nest boxes by vertebrate fauna in the Hunter Valley, NSW, Australia - *Clulow, Simon; Blundell, A.; Clulow, J.; Peters, K.*
6. The effect of ship rat suppression and food supplementation on house mice in Pureora Forest Park - *Bridgman, Lucy; King, Carolyn; Innes, John; Gillies, Craig*
7. Enabling strategic feral cat control on Kangaroo Island - *Bengsen, Andrew; Butler, J.; Masters, P.*
9. Habitat use and home-range of the northern quoll, *Dasyurus hallucatus*: effects of fire - *Cook, Annette; Radford, Ian; Bencini, Roberta; Mills, Harriet*
10. Native rat in the seabird colony: rodent management on Muttonbird Island, Coffs Harbour, Australia - *Egan, Dean; Meek, Paul; Vernes, K.*
13. The effect of deslorelin on the fertility of free-ranging female koalas (*Phascolarctos cinereus*) in two Victorian populations - *Greenfield, Andrew; Handasyde, K.; Shaw, G.; Renfree M.*
14. Processes Threatening the Continued Survival of the Critically Endangered Helmeted Honeyeater (*Lichenostomus melanops cassidix*) - *Rose, Rebecca*
15. Linear habitat remnants function as corridors for dispersing mammals in fragmented landscapes - *Eberhart, Achim; Handasyde, K.*

### SOCIAL FUNCTIONS

#### ICEBREAKER WELCOME

When: Tuesday, 30 November 2010  
Where: Crowne Plaza Hotel (around the pool area)  
Time: 6pm - 8pm  
Cost: \$30.00

Delegates will be able to register at the same time as having a BBQ and drinks - until the bar tab is finished! This is an opportunity to register early and to do some early networking!

#### CONFERENCE DINNER

When: Thursday, 2 December 2010  
Where: Crowne Plaza Hotel (Zealy Rooms, Level 2)  
Time: 7pm for 8pm - until midnight

This is a ticketed event. If you wish to attend and do not hold a ticket, please see registration staff.

The theme for the dinner is "Beach Party". Wear your best beach gear (no budgie smugglers or string bikinis please) and join us for an evening of food and fun. Prizes will be awarded for the best dressed.

#### PHOTO COMPETITION

Photos may be submitted on the first morning (Wednesday) and will be on display for the duration of the Conference. Prizes will be awarded for each category and "people's choice". Please vote for your favourite photo. Competition rules are posted on the Conference website.