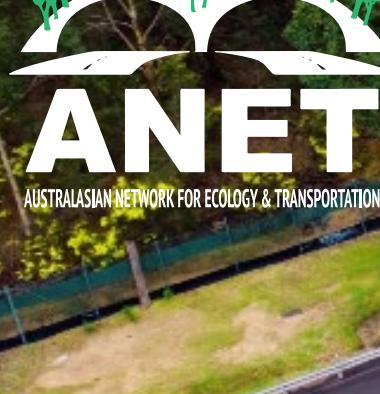




Environment Institute
of Australia and
New Zealand



AUSTRALASIAN NETWORK FOR ECOLOGY & TRANSPORTATION

ANET 2026

BREAKING THE BARRIERS

INNOVATING TO IMPROVE ECOLOGICAL OUTCOMES
ON TRANSPORT AND OTHER LINEAR INFRASTRUCTURE

23 – 25 MARCH 2026 | BRISBANE

[IMAGE CREDIT: ROB APPLEBY, WILDSPY/GRIFFITH UNIVERSITY

WELCOME EVENT | SUNDAY 22 MARCH 2026

5:30pm - 7:30pm South Brisbane venue

DAY ONE | MONDAY 23 MARCH 2026

8:30am - 9:00am	WELCOME Introduction and Welcome to Country	
9:00am - 10:00am	KEYNOTE SPEAKER <u>Bill Laurance</u> Ghost roads and the destruction of tropical forests – with lessons for the developed world	
10:00am - 10:30am	MORNING TEA	
10:30am - 11:00am	PLENARY <u>Professor Emeritus Darryl Jones</u> Road ecology in Australia: Dead end or changed conditions ahead?	
11:00am - 11:30am	PLENARY TBA	
11:30am - 12:00pm	PLENARY <u>Bernadette May</u> Building a fauna infrastructure network - a 10-year journey	
12:00pm - 1:00pm	LUNCH	
	CONCURRENT SESSIONS	
1:00pm - 2:30pm	PROJECTS, LANDSCAPES AND REGIONS: CORRIDORS, NETWORKS AND NATURE-POSITIVE DESIGN	ADVANCING TECHNOLOGICAL SOLUTIONS: WILDLIFE MONITORING, SENSORS AND APPLIED TECHNOLOGIES
	<u>Peter Sparshott</u> Staying connected on the Toowoomba Second Range Crossing	<u>Tahlia Townsend</u> Technological solutions to reducing wildlife-vehicle collisions: A framework to develop, assess and implement mitigation measures
	<u>Cassie Thompson</u> Designing for the unknown: Integrating ecology and genetics to future-proof connectivity for cryptic species	<u>Julie Ravallion</u> AI-Assisted roadside signage trial to reduce wildlife vehicle collisions on the Monaro Highway, NSW
	<u>Monica Barker and Michael Image</u> Nature-Positive Railways: Valuing ecosystem services for resilient transport networks	<u>Deidre de Villiers</u> Thinking like a koala: Developing a camera collar for more strategic vehicle collision mitigation
	<u>Ben Roberts</u> Restoring native grasslands in a metro rail network using direct seeding	<u>May-Le Ng and Bernadette May</u> Monitoring fauna crossings: Transforming camera trap images into long-term planning support
	<u>Butch Rossouw</u> Achieving an ISC Leading Scope of 81.74 through ecological enhancement and ecological design innovation	<u>Celine Frere</u> Innovative technologies and threatened species management: The koala as a case study
	<u>Martin Russell</u> Implementing best practise: linear corridors, monitoring and program performance.	<u>Jun Zhou</u> An intelligent road sign system to reduce road-related impacts on koalas
2:30pm - 3:00pm	AFTERNOON TEA	
3:00pm - 3:45pm	WORKSHOP 1	WORKSHOP 2
	<u>Benjamin Cotton</u> Forward planning for fish passage	<u>Leisa Prowse</u> Breaking the barriers between community and project: Harnessing community insights to move the conversation forward
3:45pm - 6:00pm	POSTER SESSION	
	SPEED TALKS AND POSTER SESSION WITH DRINKS AND NIBBLES	
	<u>Angus Houston and Brendan Austin</u> Bridging Nature and Tech: Machine Learning-Driven Identification of Fauna Species	
	<u>Anna Tran</u> From Local Roads to Regional Impact: Scaling the Wildlife Victoria Wildlife Road toll Action Program (WRAP) for Ecological Outcomes	
	<u>Benjamin Allen</u> Integrating animal ethics and welfare assessments into fauna risk mitigation and offset area management	
	<u>Brea Clarke</u> Role of vegetation complexity in shaping wildlife underpass use by arboreal mammals	
	<u>Christopher Johnson and Martha Rees</u> Restoring a benchmark: reviving Brisbane's Compton Road wildlife overpass through science-community-council collaboration	
	<u>Christopher Johnson</u> From global ambition to local application: advancing fauna-sensitive road design in Australia	
	<u>Chris Thomson</u> Predicting roadkill risk for Coastal Emus: a landscape-scale approach combining SDM, habitat use and crossing structure monitoring	
	<u>Dave Fleming and Kirsten Crosby</u> A Novel method for quantifying connectivity impacts: Inland Rail and the Pilliga Forest	
	<u>Dave Fleming</u> Impact Assessment, Inland Rail, and the BAM: Navigating Complexity in Linear Infrastructure Projects	
	<u>Jenna Forbes and Dan Weller</u> Saving Latham's Snipe habitat occurring in a major road upgrade footprint	
	<u>John van Osta</u> Using morphological similarity to improve the automated detection of rare and threatened species in camera trap images	
	<u>Julien Grosmair</u> Turning around extinction trajectories of koalas around road developments through intensive health and welfare management	
	<u>Kieran Aland</u> Signals and Noise: Passive Acoustic Monitoring for detection of Yellow-bellied Glider (Petaurus australis) in road corridors	
	<u>Natasha Banville and Bernadette May</u> Fauna Escape Hatch: An Adaptive Management Approach to Fauna Infrastructure Design	
7:30pm - 10:30pm	NETWORKING EVENT	

DAY TWO | TUESDAY 24 MARCH 2026

8:00am - 8:45am	BREAKFAST WORKSHOP with Ben Bradford Introduction to Ecoacoustics and Wildlife Acoustics Tools: Song Meter Micro 2, Mini 2 & SM4 and Kaleidoscope analysis software	
8:50am - 9:00am	WELCOME Day two and recap of day one	
9:00am - 10:00am	KEYNOTE SPEAKER <u>Lenore Fahrig</u> The inconvenient truth about mitigating road impacts on wildlife (virtual presentation)	
10:00am - 10:30am	PLENARY <u>Taoho Patuawa</u> Kauri Dieback, Roads, and Cultural Stewardship: Innovative land management in waipoua forest	
10:30am - 11:00am	MORNING TEA	
	CONCURRENT SESSIONS	
11:00am - 12:15pm	PROJECTS, LANDSCAPES AND REGIONS: SPECIES-FOCUSED CASE STUDIES ALONG TRANSPORT CORRIDORS	COMMUNICATION AND BEHAVIOUR-CHANGE: REDUCING WILDLIFE-VEHICLE COLLISIONS AND INFLUENCING DRIVER BEHAVIOUR
	<u>Brenton Hays</u> From local hotspot to regional link: Reconnecting koalas across Sydney transport barriers	<u>Mary Timms and David Borreto</u> From data to decisions: Advancing road network fauna signs and signals in the City of Moreton Bay
	<u>Emi Arnold</u> An unexpected journey: Canopy bridge monitoring leads to new life history insights for the Brush-tailed Phascogale	<u>Bernadette May and Andrew Douglas</u> The City of Moreton Bay wildlife speed limit review
	<u>Helen Vickers and Nic McCaffrey</u> Highway to habitat: When bandicoots crash your road project	<u>Josie Stokes</u> Challenges implementing a wildlife vehicle-collision mitigation program for local government
	<u>Kate Dutton-Regester</u> Echidnas and roads: Filling the evidence gap for effective mitigation	<u>Beau Hobba</u> Assessing animal visibility on roads: A comparative study of pale and standard pavements
	<u>Rodney van der Ree</u> Lack of a detectable effect of a new road and bridge on woodland birds	<u>Cynthia Dunphy and Nicole Mattiazz</u> Leveraging Transport infrastructure to nudge behavioural change
12:15pm - 1:15pm	LUNCH	
	CONCURRENT SESSIONS	
1:15pm - 2:30pm	IMPLEMENTING BEST PRACTISE: LINEAR CORRIDORS, MONITORING AND PROGRAM PERFORMANCE	IMPLEMENTING BEST PRACTISE: SITE- AND SPECIES-BASED MITIGATION ON PROJECTS
	<u>Jamie Steer</u> The New Zealand Transport Agency's approach to managing effects on indigenous biodiversity: Release and implementation of new operational direction	<u>Robyn Simcock</u> Underground/overground at Northern Gateway Toll Road: 15-yr assessment of interventions in ecologically important landscapes
	<u>David Francis</u> If a glider pole falls at a crossing, does anyone hear?	<u>Victoria Thomson</u> Co-Designing with koalas: Integrating behaviour and design for koala-safe infrastructure.
	<u>William Bartley</u> Avoiding, minimising and mitigating ecological impacts as part of Victoria's Big Build	<u>Lizzy Buckley</u> Managing threatened flora on a major road upgrade- a continuation of the story!
	<u>Nicholas Williams</u> Has management of Melbourne urban rail corridors improved biodiversity?	<u>Rieke Behrens</u> Fit-for-purpose or flawed? A critical look at lizard salvage practices in Aotearoa, New Zealand.
	<u>Rick Haywood</u> M1 Pacific Motorway Upgrade (VL2T) - Connecting environmental communities	<u>Vanessa Gorecki</u> From baseline to mitigation: Using genetic data to improve environmental impact assessments
2:30pm - 3:00pm	AFTERNOON TEA	
	CONCURRENT SESSIONS	
3:00pm - 4:15pm	IMPLEMENTING BEST PRACTISE: GUIDELINES, GOVERNANCE AND CONTINUOUS IMPROVEMENT	ADVANCING TECHNOLOGICAL SOLUTIONS: DECISION-SUPPORT TOOLS FOR PLANNING AND ASSESSMENT
	<u>Carol Bannock</u> Diggers in the Mist: Road Ecology's place in Emergency Response	<u>Dave Fleming</u> The use of an offset cost heat map tool to challenge engineering assumptions on the Inland Rail Narrabri to Narrabri Project
	<u>Fanny Delor and Jacqueline Nolen</u> No time to waste - audit, innovate, implement, review	<u>Christopher Johnson</u> From Evidence gaps to better monitoring: Species-tuned acoustics for avian road ecology in Australia
	<u>Joanne Vanselow</u> Embedding biodiversity in transport: Insights from the Austroads Environment and Sustainability Program	<u>James Wyatt</u> The challenge of defining a waterway for waterway barrier works and maintaining fish passage
	<u>Austin O'Malley</u> VIDA Roads fauna sensitive road design guidelines	<u>Kate Brodie and Alana Homewood</u> Digital innovation reshaping ecological impact assessment of linear infrastructure
	<u>John Martin</u> Lessons from the New South Wales Pacific Highway to inform implementing Best Practice	<u>Tim Hackwood</u> Applied satellite-derived 4D environmental intelligence to support landscape-scale impact assessment of habitats along linear corridors across Australia.
4:15pm - 4:30pm	FIELD TRIP BRIEFING AND SAFETY OVERVIEW	
4:30pm - 4:45pm	CONFERENCE WRAP UP AND CLOSE	

FIELD TRIP | WEDNESDAY 25 MARCH 2026

8:00am - 5:00pm BRISBANE AND MORETON BAY REGION

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