

SYMPOSIUM

USING TECHNOLOGY TO REDUCE WILDLIFE-VEHICLE COLLISIONS:

Identifying future directions and opportunities for research trials.

TUESDAY 21 MAY 2024

Aerial UTS Function Centre,
Bldg 10/Level 7, 235 Jones St, Ultimo, NSW
and Online via Zoom



TUESDAY 21 MAY 2024	
8:00am - 8:30am	REGISTRATION
8:30am - 9:00am	Welcome to Country & Introduction
9:00am - 9:45am	Plenary Clara Grilo, University of Lisbon The conservation, social and economic dimensions of wildlife-vehicle collisions
9:45am - 10:30am	Plenary Douglas Kerlin, Griffith University and Rob Appleby, WildSpy The evolution of applied technology to mitigate wildlife vehicle collisions
10:30am - 11:00am	MORNING TEA
11:00am - 11:20am	Benjamin Allen, University of Southern Queensland Potential application of field-based wildlife monitoring tools to reduce wildlife-vehicle collisions
11:20am - 11:40am	Graeme Coulson and Helena Bender, University of Melbourne Thinking critically: developing and testing technology to mitigate Wildlife-Vehicle Collisions
11:40am - 12:00pm	Christine Connelly, Victoria University Virtual fences do not affect wallaby and possum roadkill rates
12:00pm - 12:20pm	Jun Zhou, Griffith University Development of an intelligent road sign to reduce Koala-vehicle strikes
12:30pm - 2:00pm	LUNCH AND POSTER SESSION
OPEN SESSION	
2:00pm - 2:20pm	Colleen St Clair, University of Alberta A wildlife warning system increases escape time from potential train collisions in the Canadian Rockies
2:20pm - 2:40pm	Ricky Spencer, Western Sydney University Citizen science, remote sensing and machine learning: A collaborative approach for mitigating road mortality in urban turtles
2:40pm - 3:00pm	Martin Meraner, Bernard Technologies AI-based sensors to prevent Elephant-train collisions
3:00pm - 3:20pm	Sam Deylan, ANCAP ANCAP's testing of vehicle safety features
3:20pm - 3:40pm	Andreas Seiler, Swedish University of Agricultural Sciences Acoustic warnings for safer railways for wildlife
3:40pm - 4:15pm	AFTERNOON BREAK
PANEL SESSION The future of technology to solve WVC	
4:15pm - 5:00pm	Rob Appleby, WildSpy - Cath Dexter, Redlands City Council - Brendan Taylor, NSW Department of Climate Change, Energy, the Environment and Water - Julian Watson, Transport for NSW - Jacqui Marlow, Wildlife advocate - Celine Frere, University of Queensland
5:00pm - 5:10pm	CLOSE