

# 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 - 8:50am

Welcome to Country & Introduction | [Aunty Yvonne Weldon](#) and Introduction with [Rodney van der Ree](#)

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 - 10:45am

[The Hon. John Graham, MLC, Minister for Roads](#)

10:45am - 11:05am

#### MORNING TEA

11:05am - 11:25am

[Benjamin Allen, University of Southern Queensland](#) | Potential application of field-based wildlife monitoring tools to reduce wildlife-vehicle collisions

11:25am - 11:45am

[Graeme Coulson and Helena Bender, University of Melbourne](#) | Thinking critically: developing and testing technology to mitigate Wildlife-Vehicle Collisions

11:45am - 12:05pm

[Christine Connelly, Victoria University](#) | Virtual fences do not affect wallaby and possum roadkill rates

12:05pm - 12:25pm

[Jun Zhou, Griffith University](#) | Development of an intelligent road sign to reduce Koala-vehicle strikes

12:25pm - 12:45pm

[Evan Walker, Transport for NSW](#) | Future Mobility Testing and Research Centre (FMTRC) and how it can help in reducing wildlife-vehicle collisions.

12:45pm - 2:00pm

#### LUNCH AND POSTER SESSION

#### OPEN SESSION

2:00pm - 2:20pm

[Jonathan Backs, 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 - 3:10pm

[The Hon. Jenny Aitchison, MP, Minister for Regional Transport and Roads](#)

3:10pm - 3:30pm

[Sam Deylan, ANCAP](#) | ANCAP's testing of vehicle safety features

3:30pm - 3:50pm

[Andreas Seiler, Swedish University of Agricultural Sciences](#) | Acoustic warnings for safer railways for wildlife

3:50pm - 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](#)

5:00pm - 5:10pm

#### CLOSE

5:20pm - 6:30pm

#### NETWORKING EVENT