

SYMPOSIUM

USING TECHNOLOGY TO REDUCE WILDLIFE-VEHICLE COLLISIONS:

Identifying future directions and opportunities for research trials.

TUESDAY 21 MAY 2024 | In person and online



The Australasian Network for Ecology and Transportation (ANET), and the Environment Institute of Australia and New Zealand (EIANZ), with sponsorship from Transport for NSW, is holding a one-day symposium on 21 May 2024 to investigate current and emerging technology to reduce wildlife-vehicle collisions. The symposium will be held in Sydney for in-person participation and live-streamed for those who can't attend and to enable international participation.

Wildlife-vehicle collisions are a significant risk to human safety, threat to wildlife conservation, and an animal welfare concern. Transport agencies around the world are building fences to prevent wildlife from accessing roads and railways and installing underpasses and overpasses to allow safe crossing. There are many situations where fences and crossing structures are not feasible, and technological approaches, such as animal detection and deterrent systems, are being considered. This symposium will explore the evidence base and the ecological and technological considerations underpinning the different options to reduce wildlife-vehicle collisions and enable a synthesis and direction forward including opportunities for future trials.

The symposium will bring together ecologists, transport agencies, technology experts, all levels of government, NGOs, industry, and the community. The technology to be discussed includes:

- Animal detection and identification systems
- Animal deterrent systems (e.g. virtual fences)
- In-car and roadside warning systems for motorists
- Vehicle automation.

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CALL FOR ABSTRACTS

Are you a researcher or practitioner with knowledge or experience in designing, testing or applying technological approaches to reduce wildlife-vehicle collisions in Australia or internationally? If yes, you are invited to submit an abstract to present a poster at the event. The aim of the symposium is to explore the pros and cons of different technological approaches to reduce WVC, and presenters are therefore encouraged to consider the following in their presentations:

- A description of the technology
- Discussion of limitations, challenges or deficiencies of the technology or the findings
- Future directions and opportunities
- Relevant case studies, in-situ applications, research trials and literature reviews are welcome.

The findings of the symposium and an accompanying literature review will be synthesised into a peer-reviewed publication and a discussion paper to guide the future investment of TfNSW (including trials of the most promising technologies) and other transport agencies around the world.

Submit an abstract or register for the event here.

KEY INFORMATION

KEY DATES

5 March 2024	Call for abstracts open
8 March 2024	Registrations open
22 April 2024	Abstracts close
26 April 2024	Program released
10 May 2024	Poster presenter registration close

VENUE

UTS Aerial Function Centre
Building 10, Level 7
235 Jones St, Ultimo
Sydney, NSW, Australia

REGISTRATION FEES

\$95 | members of wildlife community groups and not-for-profits
\$195 | standard delegates

* Prices are charged in AUD and include GST