



3:45PM - 4:00PM

**Ms Harriet Davie:** Managing feral predators and fire to ensure the persistence of wild bilbies at Warralong in the Pilbara

***Abstract***

The greater bilby (*Macrotis lagotis*) occurred across much of arid Australia, however, since European colonisation, abundance has declined, and their distribution has contracted towards the northwest where bilbies are now only found in 20% of their former range. The Pilbara Region represents an important area for the continued survival of the most north-western wild populations given the contraction of the species from the remainder of the continent. Predation by feral cats and foxes, large wildfires and the degradation of bilby habitat continue to pose significant threats to the survival of wild bilby populations in the Pilbara. This project is implementing concurrent feral predator and fire management to ensure the persistence of the bilby population at Warralong. Monitoring of the abundance of bilbies and occupancy of feral predators aims to reveal the effects of management and inform adaptive management. This project is a partnership between Industry, Government, NGOs, Traditional Owners, pastoral station managers and the local community.

# THE BIODIVERSITY CONFERENCE 2021

RESILIENT LANDSCAPES



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## Program