



Integrating eDNA into bioassessment and monitoring of subterranean fauna in Western Australia

What will the future look like?

Date and time: Wednesday 28 February 2024, 9:00am – 3:30pm

Venue: Department of Biodiversity Conservation and Attractions
Keiran McNamara Conservation Science Centre
17 Dick Perry Ave, Kensington WA 6151

Workshop program

8:30 - 9:00am	<i>Registration</i>	
9:00am	Welcome and introduction	Prof Owen Nevin - WABSI
9:15am	ARC Linkage project <i>Taking eDNA underground</i> - Project outcomes	Dr Michelle Guzik – Adelaide University
9:35am	ARC Linkage project presentation	Dr Nicole White - Curtin TrEnD Laboratory
9:55am	ARC Linkage project presentation	Dr Mieke van der Heyde - Curtin TrEnD Laboratory
10:15am	Discussion and questions	Dr Lesley Gibson – Chair WA Subterranean Fauna Research Program Steering Committee
10:30am - 11:00am	<i>Morning tea break</i>	
11:00am	Current and future use of eDNA for assessment of impacts to subterranean fauna	Claire Stevenson – Department of Water and Environmental Regulation
11:30am	Discussion and questions	Dr Lesley Gibson
12:00pm - 1:00pm	<i>Lunch break</i>	
1:00pm	Stygofauna of the Beetaloo Sub-Basin in the NT – conventional sampling enhanced by using an eDNA species-specific probe	Dr Zoë Hamilton – Helix Molecular Solutions
1:30pm	Environmental DNA underground: applied use in environmental impact assessments and monitoring	Dr Joel Huey - Biologic
2:00pm	Discussion: what will the future look like?	Dr Mark Harvey – WA Museum
3:15pm	Wrap up	Dr Mark Harvey
3:30pm	<i>Close</i>	