



# Ecological Consultants Association of NSW Annual Conference 2023

Tuesday 8th August Fairmont Resort,  
Leura, Blue Mountains

## Workshop Program Ecology Tools and Apps

8:30 - 9:00	<b>REGISTRATION</b>	<i>Tea and coffee available</i>
	<b>SESSION 1</b>	Chair: Daniel McDonald
9:00 - 9.30	<i>NSW Wildlife Drone Hub</i>	<b>Dr Adam Roff</b> Senior Research Scientist DPE
9.30-9:55	<i>Using Drones for Minesite Rehabilitation</i>	<b>Joshua Frappell</b> The Regenerative <b>Phil Milling</b> Sky Land Management
9:55-10.15	<i>Thermal Imaging of Wildlife for Ecological Consultancy Surveys</i>	<b>Dr Debbie Saunders</b> Wildlife Drones
10.15-10.30	<i>Seed Collection for Restoration: a practical guide</i>	<b>Paden Wilson</b> Greening Australia
10.30-11.00	<i>GIS Tools for Ecological Consultants: Enhancing Efficiency and Data Quality</i>	<b>Alex Pescud</b> AP Spatial
11.00-11.25	<b>MORNING TEA</b>	
	<b>SESSION 2</b>	Chair: Shelomi Doyle
11.25-11.40	<i>Trees Near Me NSW</i>	<b>Dr Adam Roff</b> Senior Research Scientist DPE
11.40-11.55	<i>Credits Near Me App</i>	<b>Mike Day</b> Senior Team Leader – Spatial Services and Customer Delivery, DPE
11.55-12.25	<i>EcoServer: BAM field data collection software</i>	<b>Lucas McKinnon and Michael Dean</b> EcoServer
12.25-12.55	<i>Using Machine Learning to Scale Wildlife Conservation</i>	<b>Anup Rajput</b> Envir AI
12.55-1.15	<i>Acoustic survey methods and technology</i>	<b>Dr Julie Broken-Brow</b> Titley Scientific
1.15-2.00	<b>LUNCH</b>	
	<b>SESSION 3</b>	Chair: Andrew Lothian
2.00-2.35	<i>Songmeters / Echometers: products and analysis</i>	<b>Harry Rust</b> Faunatech
2.35-3.00	<i>Systems and Apps BCT has developed for baseline ecological assessment and monitoring</i>	<b>Shawn Capararo</b> BCT
3.00-3.25	<i>Passive acoustic monitoring and analysis</i>	<b>Dr Brad Law</b> DPI
3.25-3.50	<b>AFTERNOON TEA</b>	
	<b>SESSION 4</b>	Chair: Rebecca Hogan
3.50–4.15	<i>How eDNA techniques can assist Ecological Consultants</i>	<b>Josh Griffiths</b> Enviro DNA



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<b>4.15-4.55</b>	<i>How to enter and extract flora survey plot data in BioNet Atlas to load in the Plot to PCT Assignment Tool in order to determine plant community types</i>	<b>Deyarne Plowman</b> Wildlife Data Officer, DPE <b>Elizabeth Magarey</b> Senior Scientists, Remote Sensing and Landscape Science Branch, DPE
<b>4.55-5.00</b>	<i>Summary and Close</i>	<b>Rebecca Hogan</b> ECA President