

Senior Research Scientist

Purpose

The NSW DPI Weed Research unit is one of Australia's largest providers of research on invasive weeds. I am the Research Leader for Weed Biocontrol. My work provides solutions that reduce the economic, environmental and social impacts of weeds. We develop and use cutting edge technologies to provide solutions for weed management in Australia.



A typical day in your role

My work ranges from collecting and cultivating plant species, identifying and breeding insect biocontrol agents, working in a quarantine facility, releasing and evaluating the impact of weed biocontrol agents, interfacing with landholders and working with both national and international researchers in the weed biocontrol space.

Personal attributes

- Problem solving
- high attention to detail
- diligence
- strong ethics
- passion!

Quote

“It's not just about the science, I'm passionate about bringing meaningful change and solutions to landholders and to the environment, so that we can sustain our footprint on the earth.”

Education and training

Bachelor of Science majoring in Zoology (Entomology) and Botany. PhD in Applied Ecology, working on biocontrol. Both from the University of Witwatersrand in Johannesburg, South Africa

For more schools resources go to: www.dpi.nsw.gov.au/education-and-training/school-resources

Dr Andrew McConnachie

Research Leader for Weed Biocontrol | Invasive Species Biosecurity

For more detail about Andrew's role watch his video

