

Dr. Jane Kelly

Charles Sturt University

Dr. Jane Kelly is a lecturer in livestock production management at Charles Sturt University within the School of Agricultural, Environmental and Veterinary Sciences. Prior to her appointment with the University, Jane was primarily engaged in



livestock consultancy and extension with NSW Department of Primary Industries and conducted weed and grazing research during that time and worked on projects associated with impacts of botanical composition on wool quality and the impacts of weed seed contamination on weaner lamb production. Jane's expertise is largely concentrated on the nexus between livestock production, grazing systems and weed management. Following on from her research on seed contamination, her PhD focussed on investigating the management and costs associated with weed seed carcass contamination in lambs from barley grass. Her current research interests include the use of remote sensing technology for weed detection in agricultural and natural landscapes, the impacts of weeds on livestock health and productivity and the dispersal of weed populations by livestock in high rainfall/cool climate environments.

At this year's conference, Jane will present a new project which is aiming to break down barriers, and explore the opportunities and limitations that currently exist in the use of remote sensing technology for weed detection within complex landscapes. She will also discuss the development of a Remote Detection Community of Practice, that will be generated for knowledge and information sharing by all land managers across Australia, in addition to the construction of a set of guidelines that will help to facilitate greater uptake of remote sensing technology amongst Australia's weed community.