

SOIL CRC

PARTICIPANTS CONFERENCE 2024



Day 1 Tuesday 27 August 2024

Open to Soil CRC Participants only

CSU Convention Centre
Wagga Wagga

8.30am – 5.30pm	Registration	
9.00am – 3.00pm	Soil CRC PhD student workshop	Soil CRC PhD students (by invitation)
9.00am – 3.00pm	Soil CRC project meetings – <i>See desk for room allocations</i>	Soil CRC project teams (by invitation from project leaders)
9.00am – 3.00pm	Soil CRC board meeting – Room 208, Building 288	Closed meeting
10.45 – 11.15am	Morning Tea	
12.30 – 1.30pm	Lunch	
3.00 – 3.30pm	Afternoon Tea	
3.30 – 5.30pm	Program workshops Program 1 – Investing in high performance soils Program 2 – Soil performance metrics Program 3 – New products for soil fertility and function Program 4 – Integrated soil management solutions	All Soil CRC participants Catherine Allan Richard Doyle Megh Mallavarapu Lukas Van Zwieten
5.30 – 7.00pm	Welcome Function Including student poster session and tech display	CSU Convention Centre All Soil CRC participants
	Dinner – own arrangements	

Day 2 Wednesday 28 August 2024

Open to public and Soil CRC Participants

CSU Convention Centre
Wagga Wagga

7.00 – 8.30am	Soil CRC Grower Group breakfast - <i>Venue tbc</i>	Soil CRC Grower Group delegates (by invitation)
8.30am – 5.00pm	Registration	CSU Convention Centre
All day	Student posters and tech display	CSU Convention Centre
9.00 – 9.05am	Introductory remarks	Michael Crawford CEO, Soil CRC
9.05 – 9.15am	Welcome to Country	
9.15 – 9.30am	Opening address	The Hon Michael McCormack MP, Member for Riverina
9.30 – 9.45am	Patron's address	The Hon Penny Wensley AC Patron, Soil CRC
9.45 – 10.05am	Keynote Presentation <ul style="list-style-type: none"> Agriculture in southern NSW – Issues, challenges, opportunities 	Prof Jim Pratley, Charles Sturt University

10.05 – 10.30am	NSW Farmer Group perspectives <ul style="list-style-type: none"> • Central West Farming Systems (CWFS) • FarmLink • Holbrook Landcare Network • Riverine Plains 	Diana Fear Shaughn Morgan Alison Southwell Jane McInnes
10.30 – 10.40am	Technology display overviews <ul style="list-style-type: none"> • BILBY®, BANDICOOT® and QUOLL® 	Simon Edwards, University of Tasmania
10.40 – 11.20am	Morning Tea	
11.20 – 11.30am	Year 7 in review	Michael Crawford CEO, Soil CRC
11.30 – 11.40am	Program 1 Overview: Investing in high performance soils	Catherine Allan Charles Sturt University
11.40am – 12.10pm	Program 1 Featured projects <ul style="list-style-type: none"> • Assessing the financial impacts of using organic wastes as fertiliser • You, me, and the Soil CRC – Getting the research out there! 	Richard Culas, Charles Sturt University Bret Ryan, Southern Farming Systems & Nathan Craig, West Midlands Group
12.10 – 12.20pm	Program 1: PhD Students <ul style="list-style-type: none"> • Exploring the social boundaries of regenerative agriculture • Understanding the impact of identity and socio-economic factors on the adoption of soil conservation practices 	Mathew Alexanderson, Southern Cross University Salini Khuraijam, University of Newcastle
12:20 – 12.50pm	Panel Discussion <ul style="list-style-type: none"> • Inclusiveness in knowledge sharing 	Linda Wirf, Charles Sturt University Diana Fear, CWFS Kelly Angel, BCG Jay Cummins, Mallee Sustainable Farming Hanabeth Luke, Southern Cross University (Moderator)
12.50 – 1.45pm	Lunch	
1.45 – 1.55pm	Program 3 Overview: New products for soil fertility and function	Megh Mallavarapu, University of Newcastle
1.55 – 2.10pm	Program 3: Featured project <ul style="list-style-type: none"> • Engineered carbon-clay composite based novel fertilisers to overcome nutrient stratification 	Kavitha Ramadass, University of Newcastle
2.10 – 2.25pm	Program 3: PhD Students <ul style="list-style-type: none"> • Enhanced nutrient recovery from food waste anaerobic digestate • Assessing the agronomic phosphorus fertiliser value of animal manures • Unravelling the role of triclinic birnessite in soil carbon, nitrogen and phosphorus biogeochemistry 	James O'Connor, University of Western Australia Maryam Barati, Southern Cross University Dunsin Oyetunji, RMIT University
2.25 – 2:35pm	Program 4 Overview: Integrated soil management solutions	Lukas Van Zwieten, NSW Department of Primary Industries
2.35 – 2.50pm	Program 4: Featured project <ul style="list-style-type: none"> • Soil, plant and temporal mechanisms influence available water 	Alice Melland, University of Southern Queensland

2.50 – 3.00pm	Program 4: PhD Students <ul style="list-style-type: none"> Modelling and diagnosing soil constraints using readily available datasets Non-wetting soils in Australia 	Suman Gajurel, University of Southern Queensland Naveeda Majid, University of Newcastle
3.00 – 3.30pm	Afternoon Tea	
3.30 – 4.00pm	Keynote Presentation <ul style="list-style-type: none"> Communication trends in Australian agriculture 	Robbie Sefton, Sefton Communications
4.00 – 4.10pm	Program 2 Overview: Soil performance metrics	Richard Doyle University of Tasmania
4.10 – 4.25pm	Program 2: Featured project <ul style="list-style-type: none"> Soil health indicators that matter 	Nathan Robinson, Federation University
4.25 – 4.40pm	Program 2: PhD Students <ul style="list-style-type: none"> Developing an imagery-based decision support system for soil assessment using remote sensing Wireless underground sensor communication using acoustic technology Hyperspectral band selection algorithm by navigating through the spectral dimension 	Dristi Datta, Charles Sturt University Adnan Al Moshi, Federation University Arif Rahman, Federation University
4.40 – 4.50pm	Cooperative Research Australia – Early Career Researcher Competition Winner <ul style="list-style-type: none"> Lab on a chip: combining precision and convenience in soil monitoring 	Reuben Mah, University of Tasmania
4.50 – 5.00pm	Closing Remarks	Paul Greenfield AO, Chair, Soil CRC
5.00pm	Close	
6.30pm	Buses depart Wagga Wagga for dinner	
7.00 – 10.30pm	Conference Dinner	The Wild Vine Soil CRC Participants only
10.00 – 10.30pm	Buses return to Wagga Wagga	

Day 3 Thursday 29 August 2024 – Field Trips

Open to public and Soil CRC Participants

8.00am – 6.00pm	Field trip 1 – Mangoplah/Lockhart	Bus departs from Wagga Wagga at 8am
8.00am – 3.30pm (with airport drop off by 3.00pm)	Field trip 2 – Junee	Bus departs from Wagga Wagga at 8am
8.00am – 12.30pm (with airport drop off by 12.00pm)	Field trip 3 – Charles Sturt University Farm	Bus departs from Wagga Wagga at 8am
6.30pm	Optional dinner (at own cost)	Victoria Hotel, Wagga Wagga

Program correct as of 29 July. Subject to change.