



ARC Centre for Mine Site Restoration (CMSR) 2018 Annual Workshop Program

Monday 19 November

08:15-8:30	Registration
08:30 - 09:00	Industry and Student Presentation Day. Welcome - Kingsley Dixon and Renee Young, ARC CMSR
09:00 - 09:10	Dr. Paul Nevill - ARC CMSR Research Theme Overview: Restoration Genetics
09:10 - 09:20	Genetic variation in sympatric parasitic and non-parasitic species and the implications for seed sourcing Sheree Walters
09:20 - 09:30	Genecological assessment of seed sourcing for plant community restoration under changing environmental conditions. Bahram Mirfakhraei
09:30 - 09:40	Assessing the use of terrestrial metabarcoding to monitor mine site restoration Mieke Van der Heyde
09:40 - 09:50	The enigmatic impacts of mineral exploration infrastructure Sophia Clark-Ioannou
09:50 - 10:00	Q&A
10:00 - 10:15	Industry Speakers - Parveen Bauer, Jordan Baker, James Sansom; Karara Mining (15 min)
10:15-10:40	Morning Tea Break
10:40 - 10:50	Responses of animals to mine site restoration Sophie Cross
10:50 - 11:00	Improving translocation management for restricted range reptiles. Case Study: The Western Spiny-tailed Skink (<i>Egernia stokesii</i> badia) Holly Bradley
11:00 - 11:10	Thermal tolerance of seeds of four non-dormant Eucalyptus species native to Western Australia Subhashi Rajapakshe
11:10 - 11:20	Dr. Sean Tomlinson - ARC CMSR Research Theme Overview: Rare Species
11:20 - 11:30	Q&A
11:30 - 11:40	Dr. Adam Cross - ARC CMSR Research Theme Overview: Seed Technology and Enablement
11:40 - 11:50	The (re)discovery of seed coating: the brief journey of seed enhancement from crop farms to restoration site Simone Pedrini
11:50 - 12:00	Seed pelleting & encrusting techniques for native seeds Khiraj Bhalsing
12:00 - 12:10	On demand germination of intractable WA Rutaceae: how to approach a notoriously difficult group to ensure their presence in future restoration Michael Just
12:10 - 12:20	Q&A
12:30 - 13:30	Lunch Break
13:30 - 13:45	Industry Speaker - Vern Newton, Hanson (15 min)
13:45 - 13:55	Developing a standardised protocol for measuring seed metabolic rates Harrison Palmer
13:55 - 14:05	Influence of water availability and subsequent drought on plant establishment within the natural and post-mining environments of semi-arid Western Australia Siobhan Sullivan
14:05 - 14:15	Soil-microbial-plant signals and effects on plant eco-physiological performance for mine site restoration Wei San Wong
14:15 - 14:25	Maximisation of topsoil via addition of waste rock in restoration of semi-arid lands Christine Lison
14:25 - 14:35	Dr. Adam Cross and Dr. Sean Tomlinson - ARC CMSR Research Overview : Monitoring Trajectory
14:35 - 14:40	Q&A
14:40 - 15:00	Afternoon Tea Break
15:00- 15:15	Industry Speaker - George Watson, BHP (15 min)
15:15 - 15:25	Near-surface remote sensing of plant condition in mine site restoration environments Jaume Rusalleda
15:25 - 15:35	Airborne restoration monitoring: automated seedling identification Todd Buters

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15:35 - 15:45	Roadblocks to relinquishment in Australia Chris Tiemann	
15:45 - 15:50	Q&A	
15:50 - 16:05	Industry Speaker - Sinosteel Midwest Corporation (15 min)	
16:05 - 16:15	Closing of Day 1 - Prof. Kingsley Dixon and Dr. Renee Young	
16:30- 18:30	Sundowner Function: Bob's Bar, upstairs @ Print Hall, Brookfield Plaza, Perth.	
Tuesday 20 November		
08:15-8:30	Registration	
08:30 - 09:00	Student Workshop day. Introduction - Prof. Kingsley Dixon and Dr. Renee Young, ARC CMSR	
09:00 - 10:00	Workshop: Career Perspectives 9am-10am Speakers: Dr. Blair Parsons (Greening Australia), Rebecca Wright (BHP), Dr. Mike Young (DWER), Astrid Heidrich (Spectrum Ecology), TBA (WABSI).	
10:00 - 10:30	Workshop: Career Perspectives, Panel Q&A 10am-10.30am	
10:30-11:00	Morning Tea Break	
11:00 - 11:45	STEM Outreach and Engagement for Researchers Andrew Hannah and Gina Pearse, Curtin University.	
12:00 - 13:00	Lunch Break	
13:00 - 13:30	Grant Applications in Research Paul Nicholls, Curtin University.	
13:30 - 14:15	Workshop: Best practice in creating Poster presentations Dr. Jo Edmondston and Dr.Krys Haq, University of Western Australia.	
14:15 - 14:20	Closing of Day 1 - Kingsley Dixon and Renee Young	
14:30- 16:30	ARC CMSR Research Program Training Committee (RPTC) Meeting 2:30pm-4:30pm Curtin St Georges Terrace Boardroom (RPTC Members Only)	