

Workshop Invitation

User driven refinement of decision support tools to inform mined landform outcomes

ACARP in association with Verterra Ecological Engineering and University of Southern Queensland would like to invite you to attend a free one-day workshop to learn about the newly developed web-based support tools now available to improve coal mine soil and spoil rehabilitation management outcomes.



ACARP project C24033 developed best management practices and a decision support tool for rehab of dispersive mine spoil. ACARP Project C28044 has extended this work to mine rehab in general.

This Industry workshop aims to inform participants in:

- ✓ Principles of dispersive and non-dispersive spoil behaviour and erosion;
- ✓ Plant nutrition and soil health;
- ✓ Spatial characterisation of variation in soil and spoil variation;
- ✓ Soil analysis testing – what do all the numbers mean;
- ✓ Qualitative and quantitative assessment of erosion;
- ✓ The functional basis of management interventions to manage erosion;
- ✓ Latest management practices for rehabilitation of dispersive and non-dispersive spoil;
- ✓ **Use of the Mine Spoil Rehabilitation web-based decision support tool to forecast erosion risk;**
- ✓ Scenario analysis for costed, risk-based rehabilitation decisions and business case support;
- ✓ Design soil amelioration requirements to achieve targeted vegetation outcomes;
- ✓ Understanding the importance of an integrated approach to mine spoil rehabilitation;
- ✓ Soil management and State Regulation.

Workshop schedule

- Springsure Golf Club following the CQMRG field tours of Rolleston mine
- Other times and locations to be advised

Springsure workshop details

Time: Wednesday 9 June, 1:00 pm – 5:00 pm.

Location: Springsure Golf Club.

COVID: Participants will be required to observe workshop COVID management requirements.

Registration: Please register your interest no later than Wednesday 2 June 2021:

Email at info@verterra.com.au; or

Phone Marisa Ursini 07 3221 1102.

Pre-work: Registered attendees will receive a data entry form to enable modelling of your site.

This is an ACARP funded initiative

