

## PROGRAM - THURSDAY

Start Time	Duration	Presenter and Title of Presentation
7.45am	45 min	<b>Registration</b> TEA & COFFEE SERVED
		<b><i>Session Sponsor Niche Environment and Heritage</i></b>
8.30am	5 min	<b>Tim Roberts, Director Tom Farrell Institute</b> Welcome and open first day of conference
8.35am	5 min	Venue Safety Announcement
8.40am	5 min	<b>Steve Fordham</b> Welcome to Country
8.45am	5 min	<b>David Blackmore, Director Environmental Sustainability, NSW Department of Industry</b> Overview of the Division of Resources and Energy and its role in regards to mine rehabilitation
8.50am	20 min	<b>Matthew Newton, Assistant Director Environmental Regulation and Standards, NSW Department of Industry</b> Rehabilitation regulatory reform project
9.10am	5 min	<i>Question Time</i>
9.15am	15 min	<b>Penny Dunstan, University of Newcastle</b> Pointy and Flatty - what two Cornish alps can tell us about the interaction of human imagination and post mining landform
9.30 am	5 min	<i>Question Time</i>
9.35am	20 min	<b>Travis Peake, Practice Leader Ecology, Umwelt (Australia) Pty Limited</b> The landscape benefits of ecological mine rehabilitation - a Hunter Valley perspective
9.55am	5 min	<i>Question Time</i>
10.00am	30 min	Poster Presentations (2 min each)
10.30am	30 min	MORNING TEA
		<b><i>Session Sponsor University of NSW Mining Engineering</i></b>
11.00am	5 min	<b>Greg Sullivan, Director Policy, NSW Minerals Council</b> NSWMC rehabilitation strategy incorporating policy work, research projects and communication/awareness activities, and overview of Synoptic Plan workshop
11.05	20 min	<b>Karin Fogarty, Environmental Advisor – Peabody Energy, Wilpinjong Coal Mine</b> Update on current rehabilitation practices at Wilpinjong Coal Mine
11.25am	5 min	<i>Question Time</i>
11.30am	20 min	<b>Ben Clibborn, Environment and Community Manager – Oceanic Coal</b> Glencore's Westside Mine
11.50am	5 min	<i>Question Time</i>

11.55am	20 min	<b>Neil Griffiths, Technical Specialist Pastures, NSW Department of Primary Industries</b> Heavy metals, trace elements, pasture and cattle observations from the Upper Hunter Mine Grazing Study
12.15pm	5 min	<i>Question Time</i>
12.20pm	20 min	<b>Shannon Mulholland, Technical Officer, Department of Primary Industries - Biosecurity and Food Safety</b>
12.40pm	5 min	<i>Question Time</i>
12.45pm	45 min	LUNCH BREAK
		<b><i>Session Sponsor Hunter Coal Environment Group</i></b>
1.30pm	5 min	Welcome back following break
1.35pm	1 hour	<b>PANEL DISCUSSION - PATHWAYS TO RELINQUISHMENT AND OPPORTUNITIES TO TRANSITION TO PRODUCTIVE ALTERNATE LAND USES</b> Chaired by Peter Elliott, Independent Consultant Panellists: Gary Ellem, Andrew Keith, Martin Rush, Matthew Newton, Richard Bush
2.35pm	20 min	<b>Howard Wildman, Chief Scientist, Microbial Management Systems</b> Microbial functional diversity - its importance to ecosystem function, and choice as a mine soil restoration objective
2.55pm	5 min	<i>Question Time</i>
3.00pm	20 min	<b>Nanthi Bolan, The University of Newcastle</b> Sources and management of acid mine drainage
3.20pm	5 min	<i>Question Time</i>
3.25pm	20 mins	AFTERNOON TEA
		<b><i>Session Sponsor Hunter Coal Environment Group</i></b>
3.45pm	5 min	Welcome back following break
3.50pm	20 min	<b>Laura Kuginis, Snr Scientist/ Restoration Science and Implementation, NSW Office of Environment and Heritage</b> Towards best practice monitoring and assessment of self-sustainability for ecological rehabilitation of mined land
4.10pm	5 min	<i>Question Time</i>
4.15pm	20 min	<b>Carmen Castor, CSER Research</b> Sustainable ecological communities on mine rehabilitation
4.35pm	5 min	<i>Question Time</i>
4.40pm	20 min	<b>Andrew McIntyre, Manager Major Projects, NSW Office of Environment and Heritage</b> Upper Hunter Strategic Assessment
5.00pm	5 min	<i>Question Time</i>
5.05pm	5 min	Chair Close Conference for Thursday
7pm		<b>7.00pm Conference Cocktail Dinner (Muswellbrook RSL)</b>

## PROGRAM - FRIDAY

Start Time	Duration	Presenter and Title of Presentation
7:45am	45 min	<b>Arrival</b> TEA & COFFEE SERVED
		<b>Friday Sponsor SUEZ</b>
8.30am	5 min	<b>Tim Roberts, Director Tom Farrell Institute</b> Welcome and open second day of conference
8.35am	15 min	<b>Didik Triwibowo, Quality Health Safety Environment (QHSE) Compliance Manager PT Adaro Indonesia</b> Managing pit lakes water quality at coal mine of PT Adaro Indonesia
8.50am	5 min	<i>Question Time</i>
8.55am	15 min	<b>Chris Gimber and Brad O'Reilly, Principal Environmental Engineer, KBR</b> Backfill or not. Water management considerations during rehabilitation
9.10am	5 min	<i>Question Time</i>
9.15am	15 min	<b>Corinne Unger, Senior Research Officer, Sustainable Minerals Institute</b>
9.30am	5 min	<i>Question Time</i>
9.35am	15 min	MORNING TEA BREAK
9.50am	20 min	<b>Simit Raval, UNSW Australia</b> High resolution imaging for mine rehabilitation using UAV-Hyperspectral technology
10.10am	5 min	<i>Question Time</i>
10.15am	15 min	<b>Greg Hancock, The University of Newcastle</b> Sustainable mine rehabilitation - two decades of soil erosion and landscape evolution modelling
10.30am	5 min	<i>Question Time</i>
10.35am	15 min	<b>Grant Dickins, Naturally Spatial Pty Ltd</b>
10.50am	5 min	<i>Question Time</i>
10.55am	5 min	CONFERENCE CLOSES & WORKSHOPS OPEN
11.00am	1.5 hours	<b>Workshop Stream 1</b> Pathways to relinquishment and opportunities to transition to productive alternate land uses Convenors: Peter Elliott and Donna Pershke
12.30pm	30 mins	LUNCH BREAK
1.00pm	1.5 hours	Workshop 1 Continues
2.30pm		WORKSHOPS CLOSE