

Research and Industry Excellence Awards



The ACARP program selects research projects to receive ACARP Research and Industry Excellence Awards. The projects are selected on the recommendation of the technical committees that oversee the following research categories: Open Cut Mining, Underground Mining, Mine Rehabilitation, Coal Preparation, Technical Coal Marketing, Occupational Health and Safety and Mine Site Greenhouse Mitigation.

Recipients of these awards will have achieved a considerable advance in an area of importance to the Australian coal industry. An important criteria is the likelihood of the results from the project being applied on mines.

2015	Underground	Jim Galvin, Jim Galvin & Associates - C22004 Ground Engineering - Principles and Practices for Underground Coal Mining Rajiv Shekhar, Enver Bajram, CRCMining - C20006 and C24066 Alternative Electronic Spark Test Apparatus
	Open Cut	John Keir, Stephen Williams, Bill Dunn, Terry Brown, Connec - C20030 Powerlinkoz High Voltage Electrical Connection System (PLO) Galina Mirzaeva, University of Newcastle - C16030 DC Motor Duty Meter
	Coal Preparation/Industry	The Bloomfield Group: Greg Hurney, William Cant, Robert Booth - Major industry support for site based research efforts. New Hope Group: Rob Rashliegh, Enrico Balismo, Greg King, Kristof McDonald - Major industry support for site based research efforts.
	Technical Market Support	Merrick Mahoney, University of Newcastle - Provision of excellence in "building the story of coal to coke"
	Mine Site Greenhouse Mitigation Occupational Health and Safety	Shi Su, CSIRO - Compilation of VAM projects RISKGATE Team, University of Queensland – C20003 RISKGATE

2012	Underground	David Humphrey, Julian Greenwood – SkillPro, David Proud, Greg Collecutt - BMT WBM - C14027 Active Explosion Barriers
	Open Cut	Ross McAree, CRCMining - C16031 SLAP
	Coal Preparation	Michael O'Brien, CSIRO - Provision of excellence in coal processing technology
	Technical Market Support	Philip Bennett, ALS Coal - Provision of excellence and commitment to determining the quality of Australian Coals
	Mine Site Greenhouse Mitigation Industry	Jim Sandford and Agi Burra, Xstrata Coal - Provision of excellence in leading the development of the Open Cut Fugitive Emissions Guidelines Rob Neale, New Hope Coal - Provision of vision and leadership through chairing ACARP

2009	Underground	Arthur Waddington, Dan Kay - Mine Subsidence Engineering Consultants - C12015 Prediction of Mining Induced Movements in Building Structures Mingfei Lou, Vipac - C10038/C12028 Development of a Smart, Cheap, Autonomous Condition Monitoring Sensor and C16007 Development of a Smart, Cheap Autonomous Monitoring Sensor System for Variable Speed Machinery
	Open Cut	Alan Richards, Terrock - Nigel Holmes, Holmes Air Sciences - C12036 Meteorological Models to Assist in the Assessment of Blast Overpressure Enhancement Bruce Foster, Coal & Allied - Achieving technical excellence and successful collaboration through project C12036 Meteorological Models to Assist in the Assessment of Blast Overpressure Enhancement
	Coal Preparation	Bruce Firth - for Provision of Leadership and Technical Excellence in Coal Preparation
	Mine Site Greenhouse Mitigation	Abouna Saghafi, CSIRO Energy Technology - C15076 Tier 3 Method for Estimating Fugitive Emissions from Open Cut Coal Mining
	Industry	Bruce Robertson - For Provision of Industry Vision, Guidance and Leadership over the Life of ACARP

2007	Open Cut	Larelle Fabbro - Central Queensland University - C11048 Impacts of Blue-Green Algae Associated with Coal Mining and C14051 Mine Water Quality - Spread of Blue-Green Algae
		Patrick Glynn, CSIRO - C8034 Collision Prevention System; C11049 Object Detection and Location Radar for Collision Avoidance Systems and C14044 Collision Avoidance for Mine Haul Trucks (CAS 4)
	Occupational Health and Safety	Jim Joy, Gul Kizil, Sue Leveritt, SMI, Tony Egan, Xstrata Coal - C14046 Human Factor Engineering of Large Surface Mining Equipment
		Robin Burgess-Limerick - Burgess-Limerick & Associates - C14016 Reducing Injury Risks Associated with Underground Mining Equipment
		Ray Davis, Simtars - C12002 Mines Rescue Vehicle - Testing and Development, C14024 Mines Rescue Vehicle - Demonstration Phase and C15029 Testing Diesel Engines in High Methane Concentrations

2004	Underground	Peter Henderson, Beltana - Mick Kelly, David Hainsworth, David Reid, CSIRO - Paul Lever, Hal Gurgenci, CRCMining - C10100 Longwall Automation
	Open Cut	Daya Dayawansa, MTI - C11052 Improved Repair Procedures for Mining Equip (Particular Reference to Draglines) and C12047 Getting the Most Out of Dragline Booms Safely
	Coal Preparation	Kevin Galvin, TUNRA - C10049 & C11008 Reflux Classifier for Density and Size Separations
	Mine Site Greenhouse Mitigation	Richard Danell, BHP Billiton - C9065 Demonstration of MEGTEC VOCSIDIZER for Methane Utilisation

2002	Underground	Rao Balusu, CSIRO Exploration and Mining - C9006 Optimisation of Inertisation Practice
	Open Cut	Ross Hardie, Earth Tech Engineering - C8030 & C9068 Monitoring Geomorphic Processes in Bowen Basin River Diversions
	Coal Preparation	Geoff Lyman, Andrew Jonkers, JKRC - C7046 Safe, Rapid Coal Washability Assessment
	Technical Market Support	Graham O'Brien, CSIRO Exploration & Mining - C8056 Automated Full Phase Maceral Reflectograms & C10053 Coal Grain Analysis
	Mine Site Greenhouse Mitigation	John Carras, CSIRO Energy Technology - C9062 Airborne Infrared Thermography for Monitoring Spoil Piles

2000	Underground	Peter Hatherly, CMTE - C7026 Interpretation of Small Scale Geological Features on Seismic Reflection Data
	Open Cut	David Noon, CSSIP - C6015 Monitoring Highwall Stability using Radar Interferometry
	Coal Preparation	Peter Hotham, JKRC - C6043 On-Line Vision Based Instrument to Measure Coal Flotation Froth Properties
	Technical Market Support	Louis Wibberley, BHP Research - C8049 Environmental Credentials of Coal
	Occupational Health and Safety	Colin Jacka, CSIRO - C6039 Emergency Mine Communications

1998	Underground	Mick Kelly, Peter Hatherly, Winton Gale, CSIRO - C5017 Ground Behaviour about Longwall Faces and its Effect on Mining
	Open Cut	Charles Huxtable, DP&WC - C3054 Rehabilitation of O/C Mines Using Native Pasture Species
	Coal Preparation	Stuart Nicol, CSIRO - C3088/C4048 Residual Moisture Reduction Using an Air-Purged Coal Centrifuge
	Technical Market Support	Richard Sakurovs, CSIRO Energy Technology - C3014 Improved Laboratory Methods for Evaluating Coking Blends
	Occupational Health and Safety	Jack Brady, Simtars, Tomlinson Boilers - Sealing Goafs with Low Flow Inertisation

1996	Underground	VIPAC - Portable Acoustic Bearing Portabam
	Open Cut	JKRC - Coal Damage and Loss
	Coal Preparation	CMTE - Fundamentals of Fine Coal Dewatering
	Occupational Health and Safety	BHP Tower Colliery - Exposure to Diesel Exhaust

1994	Underground	KCC - Increased Development Rate Due to Reduced Bolting
	Open Cut	CSIRO - Borehole Probe and Face Analyser
	Technical Market Support	CSIRO - Measurements of Trace Elements in Coal
	Occupational Health and Safety	KCC - Remote Control Outburst Mining System