University expertise supporting the global mining industry

88th in prestigious Shanghai Jiao Tong world university rankings

National and International Collaboration

The Energy and Minerals Institute advances UWA’s century-long commitment to supporting and developing the global resources industry and acts as the link for companies and governments to engage with the best minds and cutting-edge university research across the depth and breadth of resource-related issues.

For more than 100 years, UWA has supported the economic and social development of a region that is now the powerhouse of the Australian economy and the major trading partner to the Asian Zone. As one of Australia’s foremost universities, UWA works collaboratively with the mining sector to develop innovative solutions to some of its most pressing issues and to provide education and training programs that address the needs of the resources industry.

Western Australia has the highest level of graduate engineering employment in Australia and some of the biggest projects this country has ever seen in an industry that is exciting and dynamic. UWA graduates consistently gain full-time employment at a higher rate than graduates from other Western Australian universities.

Western Australia mineral exports

- 54% China
- 18% Japan
- 8% South Korea
- 2% Malaysia
- 3% Singapore
- 15% Rest of World

Helping to build mining excellence

UWA is known for:

- Top-class research talent including global experts in mining law, resource economics, mine rehabilitation, mining and engineering, environment, safety, heritage and rock art studies
- Long-standing industry partnerships with regional and global mining companies
- Sophisticated, high-tech infrastructure
- Gateway to world-class mining projects
- Strengths in innovative technologies such as engineering for remote operations, mining software, computational geoscience, 3D visualisation and satellite imaging
- Commitment to attracting the world’s best and brightest students
- More than 20 postgraduate programs in mining and related disciplines and numerous short training courses for mining professionals
- Strong focus on women in engineering – 20+ scholarships reserved for female engineers

Western Australia, a minerals powerhouse

National and international mining organisations have long recognised Western Australia’s vast resources and world-class mining expertise. WA is one of most diverse and productive minerals regions in the world. The state produces more than 50 different minerals in commercial quantities, including over a fifth of the world’s iron ore and large shares of the global production of alumina and nickel.

Western Australia shares the same time zone as 60 per cent of the world’s population, with its capital city Perth positioned to access every significant market in Australia and Asia. It is also within reach of traditional business centres in Europe and the USA. More than 90 international mining and exploration companies have offices in Perth, which has more Australian Stock Exchange (ASX) listed companies headquartered there than in any other capital city in Australia.

Western Australia mineral exports

- 54% China
- 18% Japan
- 8% South Korea
- 2% Malaysia
- 3% Singapore
- 15% Rest of World

Contact
UWA Energy and Minerals Institute
Tel: +61 8 6488 4608
Email: emi@uwa.edu.au
Mark Stickells, Deputy Director
mark.stickells@uwa.edu.au
Rachael Penning-Bourne,
Business Development Manager, Minerals
rachael.penning-bourne@uwa.edu.au
The lists below include a selection of key people across various disciplines. Information on further UWA experts is available from www.emi.uwa.edu.au