

## TITLE: INNOVATIONS FOR MINE SITE RESTORATION

Intended for the Mining Restoration theme

### Abstract

Restoration of post-mining environments is critical for Australia's ability to sustainably and responsibly exploit its vast mineral wealth. However, the lack of cost-effective restoration solutions at the scale required is currently a major impediment for regulatory and social compliance. Government approval for mining programs is conditional on achieving targets in the ecological restoration of impacted habitats. These targets can include 70% of the original flora species diversity, yet current best-practice restoration in arid Australia achieves <15% of the pre-mined biodiversity. This demands scientific knowledge for innovative solutions and our symposium brings together speakers on diverse topics and seeks to present updates on the latest approaches to mine site restoration.

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