

Research by Management during Mine Site Rehabilitation: A Case Study from Otago

*Andrea Todd¹, *Cathy Rufaut¹, Dave Craw¹, Carol Smith², Michelle Baker¹, and
Candace Martin¹*

¹Geology Department, University of Otago, Leith St, P O Box 56, Dunedin.

¹Geography Department, University of Otago, P O Box 56, Dunedin.

*author for correspondence: cathy.rufaut@stonebow.otago.ac.nz

**Presented at SIRC 2003 – The 15th Annual Colloquium of the Spatial Information Research Centre
University of Otago, Dunedin, New Zealand
December 1st-3rd 2003**

We present an overview of the research running concurrently with Solid Energy N.Z.'s rehabilitation of Wangaloa Coal Mine, Kaitangata, South Otago. An inter-disciplinary team of scientists and postgraduate students has been formed at the University of Otago to investigate important influential processes involving water, soils, plants and invertebrates. We outline how GIS will be used to manage, integrate and visualise the diverse range of generated data sets to assist with understanding spatial and temporal patterns associated with site rehabilitation.