

## The Soils of Southern South Australia

**J Hall, D Maschmedt & B Billing (2009)**

The *Soils of Southern South Australia* provides the first ever comprehensive documentation of the State's soil resources. It is designed to build knowledge and understanding of soils for those involved with natural resource management (e.g. farmers, NRM workers), planning, research, education, ecology, industry development, or anyone interested in improving the management and condition of our precious soil and land resources.

Copies can be purchased from (RRP \$99):

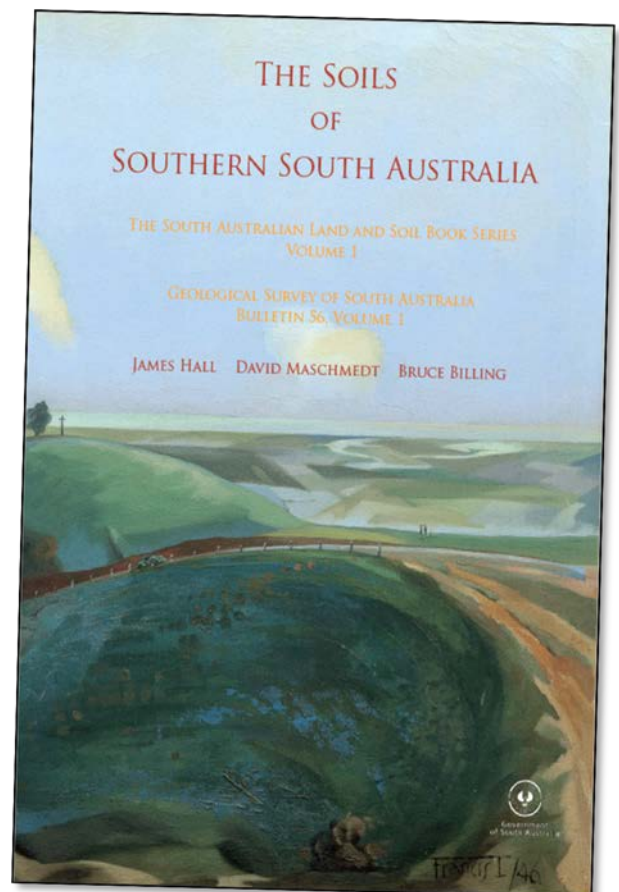
- DMITRE Bookshop, Level 7, 101 Grenfell Street Adelaide, Ph: 8463 3000, Email: [pirsa.customerservices@sa.gov.au](mailto:pirsa.customerservices@sa.gov.au), Web: [www.pir.sa.gov.au/minerals/publications\\_and\\_information/soils\\_information](http://www.pir.sa.gov.au/minerals/publications_and_information/soils_information)
- GRDC Ground Cover Direct Bookshop (order code GRDC638), PO Box 7456, Canberra ACT 2610, Ph: 1800 11 00 44, Fax: 1800 00 99 88, Email: [ground-cover-direct@canprint.com.au](mailto:ground-cover-direct@canprint.com.au), Web: [www.grdc.com.au/director/events/bookshop](http://www.grdc.com.au/director/events/bookshop) (see latest Ground Cover Direct catalogue)

Or view at the following libraries:

- State Library of South Australia
- University of Adelaide Library (North Tce, Waite and Roseworthy)
- Flinders University Library
- University of SA Library (Mawson Lakes)
- National Library of Australia (Canberra)

*"The Soils of Southern South Australia is one of the most detailed publications of its kind, summarising the geology, nature, diversity, distribution, limitations and potential of soils in the State's farming regions"*

Ben Bruce, Director, Science, Monitoring and Information, Dept. for Water



*"This book is a monumentally impressive description of about two decades of scientific endeavour, and is possibly the single most significant effort in agricultural science in our region in that time. It has been excellently produced with beautiful photographs ... (and) will have a big impact on our appreciation of the environment. The intellectual basis of this book will be appreciated for years to come."*

Dr Tony Rathjen, Senior Lecturer, University of Adelaide

*"... this book is an excellent production ... the text is thoroughly readable, interesting and engaging ... and is truly a landmark publication in Australian soil science."*

Richard MacEwan, President,  
Australian Soil Science Society Inc.

# Land & soil information on CD & DVD

These disc products contain maps and information describing the land and soils of South Australia's agricultural zone (Southern SA) developed via the State Land and Soil Mapping Program. The base data has been developed at 1:50,000 or 1:100,000 scale, suitable for catchment and subregional planning, and as a framework for more detailed property level mapping.

Information is presented for land and soil attributes (functional properties or features) that impact upon:

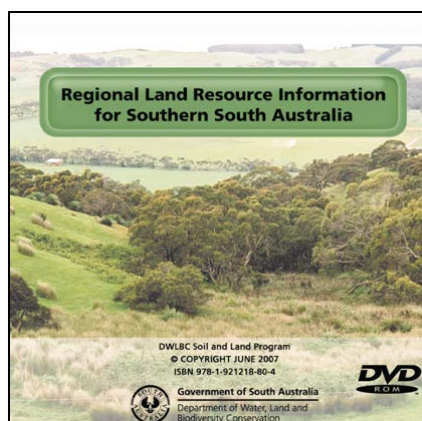
- Land use planning, potential and suitability
- Soil and land management
- Agricultural productivity
- Ecosystem services
- Biodiversity management
- Water management
- Environmental health (including marine health)

Over 40 attributes (\*SA-format) are presented, including: watertable-induced salinity; plant available waterholding capacity; wind and water erosion potential; surface and subsoil physical condition; surface outcrop and stoniness; subsoil toxicities; surface soil texture; and soil type.

[\*Additional national-format soil and land attribute datasets have been developed by, and are accessible through, the DEWNR Soil & Land Program. These spatial datasets are also viewable on the ASRIS website: [www.asris.csiro.au](http://www.asris.csiro.au) ]

These products are free.

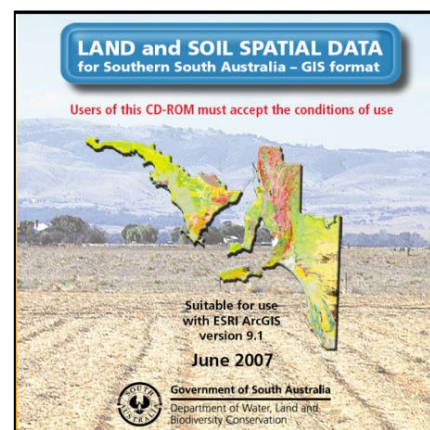
## Regional Land Resource Information for Southern SA (DVD) 2007



The DVD (in pdf format) contains maps linked to more detailed information covering:

- Land Systems and Soil Landscape Map Units
- Land and soil attribute information, on a State-wide and region-by-region basis – for 5 regions: Eyre Peninsula; Northern Agricultural Districts (including Yorke Peninsula); Central Districts (Mount Lofty Ranges and Kangaroo Island); Murraylands; and South East.
- 2-page datasheets describing excavated Soil Characterisation Sites.

## Land and Soil Spatial Data for Southern SA – GIS format (CD) 2007



This CD is specifically designed for use by GIS operators. It enables production of maps and spatial data statistics for any area of interest for over 40 land and soil attributes via 'fool proof' procedures. Individual land and soil attributes can be investigated via:

- 'Mapping Data' (simplified summary data tailored for standard attribute maps)
- 'Analysis Data' (used to calculate spatial data statistics, and in spatial modelling)
- 'Spatial Data' (the GIS polygon dataset that underpins the above data types)

## Contact details

To order, contact: Jan Rowland (Senior GIS Officer), [Jan.Rowland@sa.gov.au](mailto:Jan.Rowland@sa.gov.au), or phone 08 8222 9224

For more information on the book, CD or DVD products contact: [Craig.Liddicoat@sa.gov.au](mailto:Craig.Liddicoat@sa.gov.au)

