SA Land Cover is a new dataset that models land cover throughout the state, including native vegetation, orchards, vineyards, forestry, and urban areas.

How to access the data set

NatureMaps – an on-line mapping view of 6 most likely land cover maps

Data.sa.gov.au – for downloading and off-line use of 6 most likely GIS layers

Technical summary report – for method summary of most likely and continuous layers, as well as initial analysis of trends in native vegetation in SA

Measuring change in SA's native vegetation brochure – plain English description of using SA Land Cover to measure changes in native vegetation

Organisations and Researchers may wish to contact DEW to discuss access to the 'continuous layers' and possible applications.

For more information:

🔍 Search **SA Land Cover** on **Enviro Data SA**

data.environment.sa.gov.au

SA Land Cover
1987–2015

A new mapping capability measuring change in the landscape over time
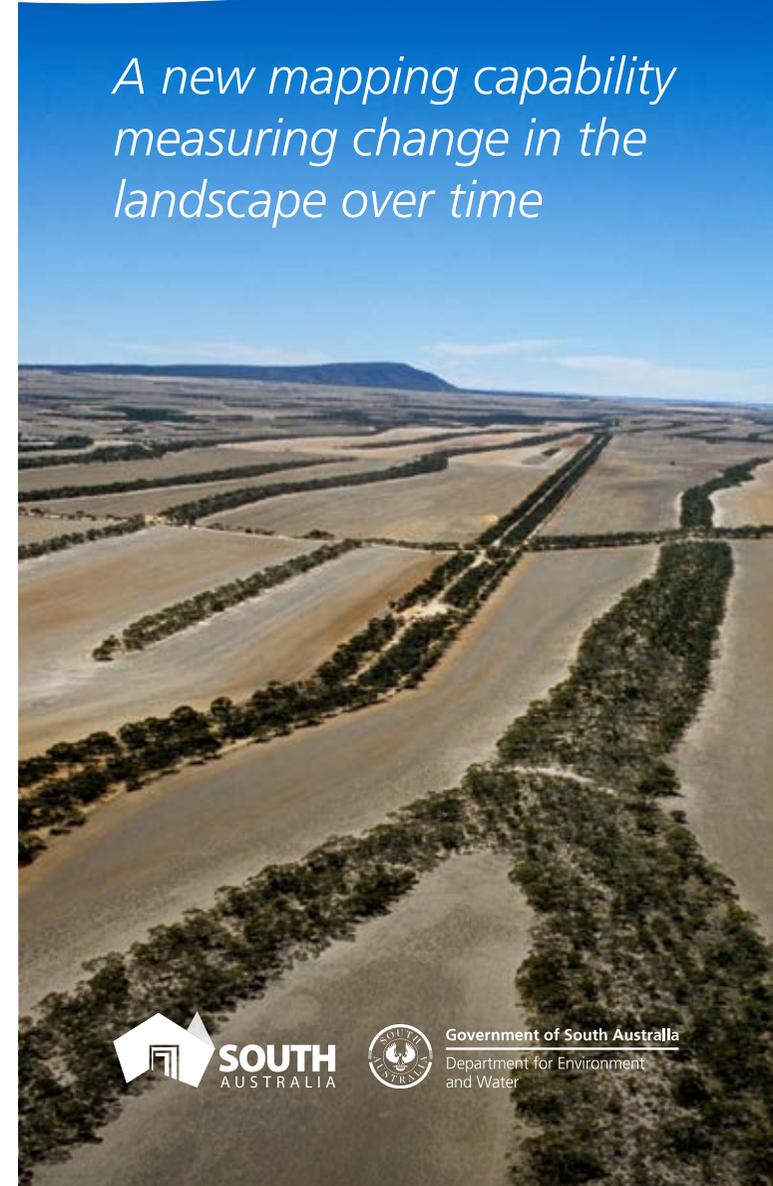
SA Land Cover

1987–2015

2015
2010
2005
2000
1995
1990
1987
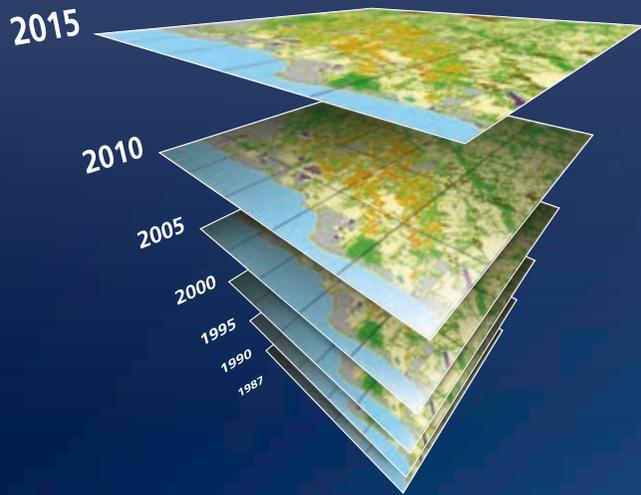
Statewide coverage

Multiple data sources

Change over time

SA Land Cover is a new dataset that models land cover throughout the state, including native vegetation, orchards, vineyards, forestry, and urban areas.

It has potential to impact environmental, economic and social challenges facing South Australia. By understanding previous land cover changes, we can inform future native vegetation, biodiversity conservation, agriculture, forestry, carbon capture and storage, and urban development decisions in our state.

SA Land Cover is made up of a series of spatial layers. Each layer contains 25m pixels and relates to one of six time periods. These layers enable catchment to state-scale analyses.

For each time period there are:

- 'Most likely layers': 17 land cover classes (see right)
- 'Continuous layers': more detailed data that sits behind the most likely layers (available for deeper analysis and research projects)

Land cover classes

Native vegetation	Non-native vegetation	Other
Woody native vegetation	Dryland agriculture	Salt lake / saltpan
Mangrove vegetation	Exotic vegetation	Urban area
Non-woody native vegetation	Irrigated non-woody	Built-up area
Saltmarsh vegetation	Orchards / vineyards	Disturbed ground / outcrop
Wetland vegetation	Plantation (softwood)	Water unspecified
Natural low cover	Plantation (hardwood)	