

Our soil

Soil is one of our most valuable natural resource assets. It plays a crucial role in supporting agricultural industries. Soil also supports our biodiversity and environment, our infrastructure, our heritage, and the way we live.

The National Soil Strategy

The National Soil Strategy sets out how Australia will value, manage and improve its soil for the next 20 years. The Australian National Soil Information System (ANSIS) is supported by funding through the Australian Government National Soil Strategy (Department of Agriculture, Fisheries and Forestry) in collaboration with CSIRO and partner organisations.

ANSIS vision

ANSIS will provide improved access to soil data and information to help sustainably manage our soil.

What ANSIS can do for you

ANSIS will improve online access and use of shared, nationally consistent soil data and information. It will federate soil data from systems across Australia, connecting multiple data sources, including those from governments, research and natural resource management organisations, industry, farmers, and the community. ANSIS will make soil data and information available via a web portal.

ANSIS will be the new trusted system to find nationally consistent, standardised, easy to use, and accessible soil data and information.

By using ANSIS data, you and your farm advisors will be able to compare the condition of your soil with a similar soil type or other soils in your region. You could then use this information to assess the impact of your land management practices or to consider opportunities for change and improvement.

You could also monitor how your soil has changed over time and utilise data to look at the best model for environmentally friendly and sustainable soil management and to gain required finance and market access credentials.

While you might already collect soil data and know about the soil on your farm, by sharing your data through ANSIS you will also help others to understand the local and regional state and trend of our soil's condition. This will help prioritise research and programs to assist all Australians to more sustainably manage our valuable soil resources.

