

# RSP

## REGISTERED SOIL PRACTITIONER



SOIL SCIENCE  
AUSTRALIA



**Australian Government**  
**Department of Agriculture,  
Fisheries and Forestry**

This project is supported by the Australian Government Department of Agriculture, Fisheries and Forestry as part of the National Soil Strategy.

# RSP

## REGISTERED SOIL PRACTITIONER



## A new national accreditation for soil professionals

The Registered Soil Practitioner Accreditation in Soil Management is a mark of trust that soil practitioners can implement fit for purpose soil sampling and interpretation.

The RSP seal is a recognised mark of trust and soil professionalism.

As a soil professional you can have your qualifications and experience as a professional soil practitioner recognised by applying to become an RSP.

Learn more: [soilscienceaustrala.org.au/rsp](https://soilscienceaustrala.org.au/rsp)



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## About RSP - Soil Management

The Registered Soil Practitioner (RSP) training and accreditation in soil management ensures soil practitioners can implement fit for purpose soil sampling and interpretation to:

- Improve soil data and interpretation
- Reduce soil input and management costs
- Improve soil productivity



## Who is it for?

RSP Soil Management training and accreditation is designed for agronomists, natural resource managers and soil professionals that undertake soil management projects, soil sampling and interpretation.



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## RSP Training

- Basic soil fundamentals
- Soil field analysis and site interpretation
- Soil sampling for laboratory analysis
- Soil data interpretation and application

Soil Science Australia delivers the Registered Soil Practitioner (RSP) training through:

- online modules and resources
- in-person workshops and field experiences

The training has been designed for specialists who provide advice to landholders, including agronomists, farm advisors, agricultural consultants and extension officers.



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## RSP Training

**Basic soil fundamentals** – understand soil functions and the ecosystem services delivered by soil. Understand soil formation, composition, classification and distribution. Understand soil threatening processes and their impacts on soil function. Understand physical, chemical and biological soil properties, nutrient cycles and the role of soil organisms.

**Soil field analysis and site interpretation** – develop skills and confidence to assess an area in preparation for fit-for-purpose soil sampling and testing (e.g. monitoring, problem investigation). The collection of relevant available information and records and observations in the field. Locating sampling sites most representative of identified soil types.



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## RSP Training

**Soil sampling for laboratory analysis –**  
addresses the selection of fit-for-purpose soil tests (e.g. monitoring, problem investigation) and the procedure to follow to collect soil samples at selected sites. This includes selecting and using the sampling equipment correctly, and accurate and reliable sample collection, labelling and record keeping.

**Soil data interpretation and application –**  
develop skills and knowledge required to interpret soil test results to determine best management practices considering land capability, soil test results and future paddock management (e.g. production targets, landholder goals).



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## RSP - Soil Management Accreditation

Registered Soil Professionals are soil practitioners that:

- Have at least three years professional work experience in soil OR relevant formal qualifications and at least one years professional work experience.
- Adhere to the [Code of Ethics](#) and [Rules of Conduct](#),
- Demonstrate a commitment to ongoing professional development, to maintain their expertise in soil.
- Have had their application and ongoing professional development reviewed by Soil Science Australia's Accreditation Board.



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[RSP training](#) supports [RSP Soil Management Accreditation](#) but does not guarantee Accreditation.



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## Registered Soil Practitioner – Acid Sulfate Soil

The Registered Soil Practitioner – Acid Sulfate Soil is a mark of trust that soil practitioners have demonstrated a high level of technical competence in the assessment and / or management of acid sulfate soils.

There are two pathways to accreditation:

- Consultant – soil professionals involved in the preparation of acid sulfate soil investigation reports and acid sulfate soil management plans.
- Regulation and evaluation – for people who assess and evaluate acid sulfate soil investigation reports and acid sulfate soil management plans.



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Coming soon - Soil Conservation  
and Soil Carbon Accreditations.



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