

Basic Soils Refresher Training

Monday 23 November and Tuesday 24 November 2020

Two day Online Virtual Course



SSA PRESENTS AN OPPORTUNITY TO IMPROVE YOUR SOILS KNOWLEDGE AND PROBLEM-SOLVING SKILLS



This two day intensive course is an introduction to soils, their uses, formation, components, structure and texture. The course features basic soil chemistry theory/practice using relevant case studies and problem solving using a unique online experience.

“Please keep running these courses – they are so valuable for consulting and really fill a gap for soil training opportunities. Such knowledgeable presenters!”

Learn from some the Australia’s most experienced soil professionals.

Assoc Prof Luke Mosley CPSS

Mr Bernie Powell CPSS

Mr Dennis Baker

and guest speakers TBC

A *Statement of Attendance* will be provided upon successful course completion, if requested.

2020 Fees per person:

SSA members: \$80

Non-members: \$150

Students: \$40

- Soils and landscapes
- Soil chemistry
- Dispersive, sodic and saline soils
- Acid soils
- Field tests and soil texturing
- Describing soils
- Classification
- Accessing soil information
- Virtual soil pit session



**SOIL SCIENCE
AUSTRALIA**

P: 0476 450 321

E: office@soilscienceaustralia.org.au

W: <https://www.soilscienceaustralia.org.au>

The national peak body for soils,
soil science and soil scientists

*Soil Science Australia acknowledges the traditional owners of the land
and pays its respects to their Elders, past, present and future.*

**Basic Soils Refresher Course Program
Two day online virtual course (Zoom)
Monday 23-Tuesday 24 November 2020**

Day 1 AEDT		
11:00–11:15	Welcome/Introductions and role of SSA	Luke Mosley
11:15–11:35	Broad overview of soils (uses, views, importance)	Bernie Powell
11:35–12:30	Introduction to soils – formation, components, texture, structure, colour	Bernie Powell
12:30–13:00	<i>Session break</i>	
13:00–13:45	Introduction to soil chemistry – cation exchange, pH, salinity etc	Dennis Baker/ Luke Mosley
13:45–14:30	Practical applications of soil chemistry	Dennis Baker
14:30	<i>Close Day 1</i>	Luke Mosley
Day 2 AEDT		
11:00–12:00	Case studies showcasing soil management	Dennis Baker
12:00–12:30	Field tests – videos and discussion	SA Branch videos
12:30–13:00	<i>Session break</i>	
13:00–13:45	Availability of regional soils information	TBC
13:45–14:30	Describing soils – look at the big picture, where are you in the landscape, what soil type to expect before even digging a hole – virtual soil profile discussion.	Bernie Powell
14:30	<i>Close Day 2</i>	Luke Mosley