



# UNDERSTAND HOW SUSTAINABLE FARMING SYSTEMS CONSERVE NATURAL RESOURCES

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**LOCATION:** ARC-SOIL, CLIMATE AND WATER, Pretoria, RSA

**SCHEDULED DATES:** On request

**COURSE FEE:** R3500 pp

**COURSE DURATION:** Three (3) days

**BOOKS AND MANUALS:** Course manual included

## COURSE DESCRIPTION & OUTLINE

**US 11619**  
**NQF Level 1**

To understand the importance of maintaining and increasing biodiversity and the role of natural resource management in sustainable agricultural practices;

To know about sustainable agricultural practices, applied in the animal, plant and mixed farming sub-field, benefiting the environment;

Plan farming practices with knowledge of their environment.

### LEARNING OUTCOMES

- Demonstrate and understand the impact of farming operations and practices on the environment;
- Identify farm and domestically generated waste and pollutants and apply environmentally friendly methods of disposal and or re-use;
- Apply practices to maintain and increase biodiversity;
- Control invasive plant species and noxious weeds;
- Prevent the spread of veld fires using firebreaks and fireguards;
- Apply basic control and preventative measures to enhance the soil's capacity to hold water and prevent water run-off.

**WHO SHOULD ATTEND?** Prospective Farmers, Extension Officers and Departmental Officials

**DELIVERY MODE** Presentation, Practical and Demonstrations (where possible)

**ENTRY REQUIREMENTS:** Basic literacy required (at least Grade 10-12)