

This course consists of seven lessons covering:

- The scope and nature of land management.
- Land degradation Land Rehabilitation.
- Managing soils.
- Managing water.
- Managing plants.
- Managing animal populations.
- Maintenance and Natural regeneration.

The Land Degradation, Restoration, and Management Short Course is a 20-hour self-guided course that will help you understand how to manage land sustainably and how to rehabilitate degraded areas



LAND DEGRADATION, RESTORATION AND MANAGEMENT STUDY GUIDE



Learn how to...

In many cases, land degradation is brought about by inappropriate land use focussed on short-term gains without much thought to the long-term consequences.




The Academy of Permaculture
Permaculture & Sustainability Education & Workshops

Prevent
Land Degradation
on your property

Urban & Country

LESSON 1 – SCOPE AND NATURE OF LAND MANAGEMENT

- Causes of Land Degradation
- Broad Principles of Sustainable Land Management
- Harnessing the People
- Careers in Land Management

LESSON 2 – LAND DEGRADATION and REHABILITATION

- Forms of Land Degradation and Their Control
- Land Rehabilitation Management
- Mining Sites
- Environmental Assessment
- Land Management Programs
- The Importance of Trees on Farms
- Ecosystem Conservation

LESSON 3 – MANAGING SOILS

- Soil Fertility
- Physical and Chemical Factors Affecting Nutrients
- Biological Factors Affecting Soil Fertility
- Improved Nutrient Management
- Loss of Soil Fertility
- Understanding Soil Analysis
- Sampling Soil
- Strategies for Tackling Soil Degradation
- Conservation Tillage and Crop Residue Management
- Soil Biological Management
- Land Management Using Alternative Farming Methods
- Using Organic Principles to Overcome Soil Problems
- Using Plants To Extract Contamination
- Review what you have been learning

LESSON 4 – MANAGING WATER

- Water Erosion
- Water Reuse And Recycling
- Wastewater Treatment
- Review what you have been learning

LESSON 5 – MANAGING PLANTS

- Controlling Plants
- Using Plants For Erosion Control
- Planning Rehabilitation
- Plant Selection And Establishment
- Plant Varieties
- The Economics of Plant Selection
- Planting Preparation – Soil Cultivation
- Cultivation Machinery Tools
- Planting Techniques
- Other Techniques
- Soil And Water
- Types of Water Wastage
- Irrigation Systems
- Coping With Dry Conditions
- Plant Protection Methods
- Weed Management
- Crop Rotations
- Review what you have been learning

LESSON 6 – MANAGING ANIMAL POPULATIONS

- Creating Habitat Corridors For Wildlife
- Wildlife Conservation

LESSON 7 – AFTERWARDS

- Plant Associations
- Natural Regeneration
- Review what you have been learning

2 Study Options

Option 1.

Study at your own pace. Anywhere there is an Internet Connection. Complete the online quiz for each lesson and a Final assessment and Download your Certificate of Completion. This will be approx. 20 hours of Study.

Option 2.

Attend our 2 day workshops held at our Latrobe, Tasmania Campus. 2 Intensive 4 hour sessions (with meal provided).

Visit Website for updated Events and Session Times.

Standard Cost: \$220

(See website for special pricing)