

# Regenerating Rural Landscapes

*Day 1 - Workbook*

*Nov 2022*



## **Activity:** Your initial Issues

Spend a few minutes thinking about your property and its landscape. Make a note of any key *land management* and *land use issues* you think your property has at the moment:

Issue	
1	
2	
3	
4	
5	
6	

You will come back to this list of issues as we work through the Boot camp.

## **Activity:** Describing your farm's landscape

Think about how your farm landscape *looks*. Describe your farm's *rural landscape* in general terms. What does it look like? What *patterns* and *landscape elements* do you see as you look around it. Try to paint as detailed a picture as possible.

What is the *land use balance* on your property between conservation and rural activities (farming, forestry, energy, recreation, tourism)?

Estimate this as a percentage of total farm area.

Estimate this in terms of relative importance to your personal/family goals.

## **Activity:** Setting a Vision & Outcomes

Come up with a brief Vision for your property. How would you like to see your property in 15-20 years time? What will it look like? Describe your perfect landscape....Be specific....

Come up with 3 to 5 long-term, broad Outcomes for your property. How would you like to "see" your property in 10-20 years? What specific "big-picture" outcomes would you like to see in place on your property in the longer term?

**Activity:** Observing Landscape Form: landscape elements and pattern

Make a note of everything you can see or feel in the landscape we are observing. At the three scales.

5m scale

100m scale

Landscape scale

How many things did your group list?

**Activity:** Observing Landscape Function: relationships and processes.

Make a note of everything you know might be going on in the landscape we are observing. List all the *processes* and *relationships* happening in these landscapes.

How many things did your group list?

**Activity:** Observing Landscape Health, Resilience, Productivity and Efficiency.

Make a list of the ways you could assess the health, resilience, productivity and efficiency of a rural landscape.

## **Activity:** Describing your Geography - Climate.

Makes some notes on the *Climate* that shapes your rural landscape. Think about rainfall, temperature and wind and the combination of these three. Also think about seasonal and long term variability.

What are some aspects of your Climate that are *constraining factors* in terms of designing a resilient rural landscape?

What are some aspects of your Climate that are *enabling factors* in terms of designing a resilient rural landscape?



## **Activity:** Describing your Geography - Terrain.

Makes some notes on the *Terrain* that shapes your rural landscape. Think about the mix of land-forms and land-form elements on the property. Also consider slope length, relief and aspect.

What are some aspects of your Terrain that are *constraining factors* in terms of regenerating your landscape?

What are some aspects of your Terrain that are *enabling factors* in terms of regenerating your landscape?

## **Activity:** Describing and Mapping your Geography - Hydrology

Makes some notes on the Hydrological System that shapes your rural landscape. Describe the main surface drainage pattern on the property. Also consider the broader catchment within which your property exists.

What are some aspects of your Hydrological System that are *constraining factors* in terms of regenerating your landscape?

What are some aspects of your Hydrological System that are *enabling factors* in terms of regenerating your landscape?

## **Activity:** Exploring Ecological Units

*Ecological Units* are the fundamental natural elements of a landscape's pattern or mosaic.

An Ecological Unit = Climate + Land-form Element + Aspect + Soil Type + Vegetation Type.

Make a list of the *Ecological Units* you have on your property.

### **Ecological Units**

<b>Name</b>	<b>Description</b>	<b>Location</b>

## **Activity:** Exploring Rural Landscape Patches

Rural Landscape Patches are the fundamental elements of a rural landscape's pattern or mosaic. They are a combination of ecological units combining with human activities.

A **Rural Landscape Patch** = Climate + Land-form Element + Aspect + Soil Type + Vegetation Type + Rural Infrastructure + Land Use.

There are three types of RLPs - Production, Conservation and Mixed

Make a list of the RLPs you have on your property.

### **Rural Landscape Patches**

Name	Type	Description	Location

## **Activity:** Identifying Landscape Stressors

Identify and make some notes about some of the external stressors that impact on the Rural Landscape Systems in your area. What potential impact might they have on a rural landscape? What things may you need to consider if planning to regenerate your landscape.

### **Droughts**

### **Floods & Extreme Storms**

### **Bushfire**

### **Pests & Biosecurity**

## Notes: