

# Module Three



Principles, Criteria,  
Indicators and  
Standards – *Guidance  
for Forest Managers*



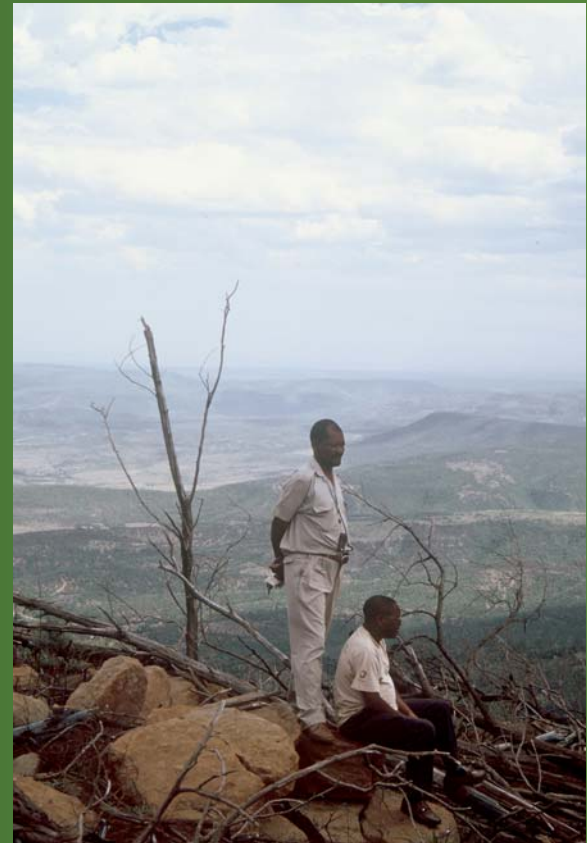
# Aim of the Module

**“Train DWAF Managers in the use of the  
PCI&S *Guidance for Forest Managers*”**

- Role of the Manual.
- Manual Layout.
- Criterion.
- Indicators.
- Measures.
- Management Goals.
- Key Steps.
- References.
- Future Actions.

# What is the Role of the *Guidance for Forest Managers* section?

- Assist Forest Managers to implement the requirement of PCI&S.
- The information in the manual is nothing new!



# This Section is designed to:

- Assist Forest Managers to bring forest management planning and practice in line with the national PCI&S.
- Provide Forest Managers with a checklist of the requirements for SFM at the FMU level.
- Assist in standardising management planning and prescriptions.
- Provide Forest Managers with a reference tool to find related information, standards, procedures.
- Standardise forestry monitoring and reporting.
- Prepare Forest Managers for future auditing.

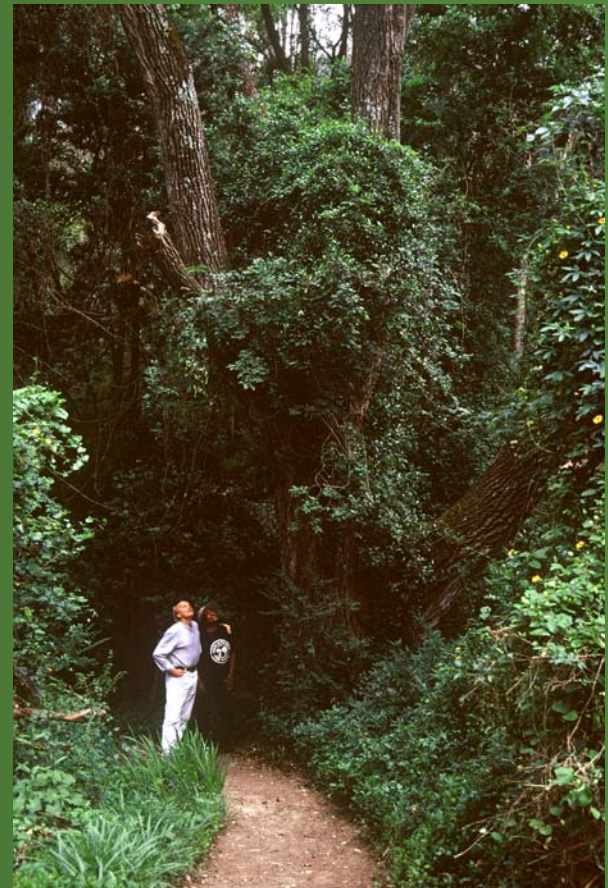
# Who will use the *Guidance for Forest Managers?*

- DWAF Forest Managers.
- Indigenous and Plantation forests.
- These manuals will in future be adapted for use by private, corporate and community forest owners and managers.



# Others will also use the *Guidance for Forest Managers*

- Certification bodies – to align their forest certification checklists with national C,I&S.
- Local level stakeholders and NGO's – to assess the sustainability of forestry operations.



# Guidance for Forest managers

## Structure

- Distinct Layout for easy use:
  - Ecological (Criteria 1 – 6).
  - Economic (Criteria 7 – 8).
  - Social (Criteria 9 – 18).
  - Institutional (Criteria 19 – 24).

# Guidance Layout

## Ecological

Ecological  
Criterion

### Criterion 1: Natural forests are protected

#### 1.1 Indicator 1.1: Implementation of forest protection plans.

Applies to:  Natural forest  Plantation forest  State  Corporate  Medium  Small

**Measure 1.1.1:** Percentage of forest protection posts on staff establishment plan that have been filled.

*Management goal:* Numbers of protection personnel match the required number estimated by the forest manager to effectively manage the threats to the forest.

**Measure 1.1.2:** Budget allocated to natural forest protection.

*Management goal:* Budget allocation is sufficient to fill staff establishment and equip staff appropriately.

Key steps	References
1. Quantify threat by recording all transgressions, and monitor on a regular basis.	Procedure for the Protection of Forests (01 01).
2. Calculate and fill posts for forest protection and record costs per hectare	Proforma: Transgression Reporting Sheet
3. Implement a permit system to regulate authorised licenced activities.	Proforma: Permit; Draft License. Guidelines; License. Business Process; License. Database
4. Develop and implement tactical guard deployment plan	Law Enforcement Strategy; Forest Guard Tactical Deployment Plan
5. Monitor effectiveness of tactical guard deployment plan.	
6. Ensure current management plans reflect the results of monitoring and/or reporting (refer to Procedure 1001 & 1002).	Procedure for Quarterly (1001) and Annual PCIS Reporting (1002)



# Criteria

## Ecological

Ecological  
Criterion 1

Criterion 1: Natural forests are protected

**1.1** Indicator 1.1: Implementation of forest protection plans.

Applies to:  Natural forest    Plantation forest    State    Corporate    Medium    Small

# Indicator applicability

## Ecological

Ecological  
Criterion I

Criterion I: Natural forests are protected

**1.1** Indicator 1.1: Implementation of forest protection plans.

Applies to:  Natural forest  Plantation forest  State  Corporate  Medium  Small

**1.2** Indicator 1.2: State of forest protection.

Applies to:  Natural forest  Plantation forest  State  Corporate  Medium  Small

Ecological  
Criterion 2

# Ecological

Criterion 2: Biodiversity of natural  
forests is conserved

**2.3** **Indicator 2.3:** Presence of rare, threatened and endangered species.

Applies to:  Natural forest    Plantation forest    State    Corporate    Medium    Small

# Applicability at what level?

**Ecological**  
Criterion I: Natural forests are protected

**I.I** Indicator I.I: Implementation of forest protection plans.

Applies to:  Natural forest    Plantation forest    State    Corporate    Medium    Small

- Natural Forest.
- Plantation Forest.
- State.
- Corporate.
- Medium.
- Small.

# Measures

- A measure is a quantitative value that the Forest Manager uses to assess his/her compliance with the Criterion and Indicator.

## 2.3 Indicator 2.3: Presence of rare, threatened and endangered species.

Applies to:  Natural forest    Plantation forest    State    Corporate    Medium    Small

**Measure 2.3.1:** Documented presence of locally or nationally rare, threatened and endangered species.

*Management goal:* Number of locally or nationally rare, threatened and endangered species are known, recorded and numbers are stable.

**Measure 2.3.2:** Monitoring of the known RT&E species listed above.

*Management goal:* RT & E species are monitored on a regular basis, populations are stable and results are used to improve management.

- But merely documenting and monitoring species is not enough. This will not ensure that Biodiversity is conserved or that sustainable Forest Management is taking place! – It will only measure what is happening to a species.
- So, to ensure that SFM is occurring, Management Goals are attached to each Measure.

# Management Goals

- The Management Goal is the ideal situation that the Forest Manager is aiming for.

## Ecological

Ecological  
Criterion I

### Criterion I: Natural forests are protected

#### 1.2 Indicator 1.2: State of forest protection.

Applies to:  Natural forest     Plantation forest     State     Corporate     Medium     Small

**Measure 1.2.1:** Number and type of reported transgressions.

*Management goal:* Numbers of transgressions are decreasing.

**Measure 1.2.2:** Number of permits or licenses allocated for licensed activities.

*Management goal:* Licences have been allocated for all licenced activities and accurately reflect the licensed activities carried out in State forests.

# Key Steps

Ecological  
Criterion 2

## Ecological

### Criterion 2: Biodiversity of natural forests is conserved

#### 2.3 Indicator 2.3: Presence of rare, threatened and endangered species.

Applies to:  Natural forest  Plantation forest  State  Corporate  Medium  Small

**Measure 2.3.1:** Documented presence of locally or nationally rare, threatened and endangered species.

*Management goal:* Number of locally or nationally rare, threatened and endangered species are known, recorded and numbers are stable.

**Measure 2.3.2:** Monitoring of the known RT&E species listed above.

*Management goal:* RT & E species are monitored on a regular basis, populations are stable and results are used to improve management.

Key steps	References
1. Obtain list of locally and nationally rare, threatened or endangered species.	Procedure for the Conservation and Monitoring of rare, threatened and endangered species. (02 01)
2. Rate species as indicator species or general monitoring species.	Proforma: Sightings Register
3. Develop a pictorial species identification guide and train forestry personnel on identification and recording of sightings for general monitoring species.	Proforma: Monitoring Sheet
4. Monitor indicator species Step 5: Ensure current management plans reflect the results of monitoring and/ or reporting (refer to Procedure 1001 & 1002).	Procedure for Quarterly (1001) and Annual PCIS Reporting (1002)



# Reference Section

- Standard Operating Procedures
- Reference to related literature.

## Key steps

1. Obtain list of locally and nationally rare, threatened or endangered species.
2. Rate species as indicator species or general monitoring species.
3. Develop a pictorial species identification guide and train forestry personnel on identification and recording of sightings for general monitoring species.
4. Monitor indicator species Step 5: Ensure current management plans reflect the results of monitoring and/ or reporting (refer to Procedure 1001 & 1002).

## References

Procedure for the Conservation and Monitoring of rare, threatened and endangered species. (02 01)

Proforma: Sightings Register

Proforma: Monitoring Sheet

Procedure for Quarterly (1001) and Annual PCIS Reporting (1002)

# So where are the Standards of PCI&S?

- Measures are not the standards – they are the guide to goal setting and decision making for management.
- Standards already exist in law (eg. OHSA, or Water Act), and where they exist they have been included in the procedures.
- In future new Standards will be developed based on these Criteria and Indicators.

# Examples



# What if I need more advice on the use of the Guidance for Forest Managers?

- Cluster Champions.
- Forest Technical and Information Services (FTIS).
- Forestry Support.



# Changes to the Guide

- The guide will be adapted as changes are required.
- DWAF National Office will send new/updated pages of the Manual to you.
- Ensure that new pages are put onto file.

# What if I want to suggest changes to the Manual?

- Feedback is welcome.
- Send Feedback to:  
Thembelani Ngamile  
Deputy Director: Forestry Technical  
Information Services  
Telephone: 012-3366728  
Email: [1DI@dwaf.gov.za](mailto:1DI@dwaf.gov.za)

# Conclusions

- This is the first version of the PCI&S Framework Manual and Guidance for Forest Managers.
- Comment is welcomed.
- This should be a living document, which is used as a management tool.
- Contact the Cluster Champion, FTIS or Forestry Support if anything is unclear.

End of Module Three.