Outline

Introduction
  - Why Manage?

Methods

Review
  - What Needs To Be Managed?
  - How To Manage?
  - Monitoring
  - How To Put All This Together?

Conclusion

Recommendations
Introduction

Why Do We Need To Manage?

Identify and Reduce Negative Impacts

Wildlife

Tourism Businesses

Maintain Wildlife Resource

Maintain Wildlife Tourism Industry

Critical to Sustainable Wildlife Tourism
Methods

- Literature research
- Informal interviews with government staff
- Semi-structured telephone interviews of senior conservation agency staff
Review

What Needs To Be Managed?

What To Manage?

- Visitors and/or Operators
- Wildlife and/or Habitats
What Needs To Be Managed? … (ctd)

**What To Manage?**

### Visitors and/or Operators

- **Visitor**
  - Numbers
  - Spatial Distribution
  - Temporal Distribution
  - Behaviour
  - Expectations
  - Attitudes

- **Design** of Wildlife Tourism Experiences

- **Involvement** of Operators and Tourists in Conservation Activities

### Wildlife and/or Habitats

- **Wildlife**
  - Behaviours
  - Location of Wildlife

- **Habitats**
  - Food Availability
  - Physical Environment
  - Environmental Damage
  - Wildlife Refuges
Review

How To Manage?

Visitors and/or Operators

- External Regulation
- Industry and Individual Self-Regulation
- Economic Instruments
- Education
- Marketing
- Use of Environmentally Responsible Operators and Guides
- Cooperative Agreements

Wildlife and/or Habits

- Physical Alterations to “Harden” Environment
- Active Management of Wildlife or Natural Environment
Review Monitoring

- Essential in managing negative impacts
- Little systematic application in Australia
How To Put All This Together?
A Management Framework

Set Objectives

Management Actions

Monitoring Program

Are Objectives Being Met?

Monitor

Continue Current Management

Yes

No

Change Management

Monitor

Adapted from Hammit and Cole (1987)
How To Put All This Together? ... (ctd)

A Management Framework

- Operators
- Local Stakeholders
- Management Authorities
- Tourists

1. Set Objectives
2. Management Actions
3. Monitoring Program
4. Are Objectives Being Met?
   - Yes: Continue Current Management
   - No: Change Management

Monitor
How To Put All This Together? … (ctd)
A Management Framework

- Operators
- Local Stakeholders
- Management Authorities
- Tourists
Conclusions

Ideal Management Steps

- Establish management framework
- Identify impacts
- Decide what to manage
- Decide methods to use
- Conduct monitoring
- Incorporate feedback mechanism
Conclusions

- Many different management approaches in existence
- No “best” system for every situation
- Scientific rigour Vs real world constraints
- Maintain wildlife resource = wildlife tourism industry
Recommendations

- Wide dissemination of management options
- User-friendly monitoring techniques and guidelines
- Use a mix of management techniques
- Prioritise management efforts
- Further research to fill knowledge gaps
- Greater adoption of effective management in Australia
Wildlife Tourism Status Assessment Report

Negative Effects of Wildlife Tourism on Wildlife (2001)
Any Questions?