

Cumulative Effects Monitoring Programs

CSEB

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Cumulative Effects Monitoring Programs

- Presentation deals with
- Who does cumulative effects monitoring?
- Coordination of cumulative effects monitoring programs
- Uses of cumulative effects monitoring programs

Cumulative Effects

The effects of a project in combination with the effects of other human activities

- Multiple human activities contributing to the same effect
- Focus on the individual valued ecosystem component, not on the project

Who does cumulative effects monitoring?

- Shared responsibility
 - Governments
 - Industries
 - More than one organisation will be monitoring each cumulative effect

Who does cumulative effects monitoring?

- Principle:
- **An organisation is responsible for monitoring the effects it causes whether or not others also contribute to the same effects**

Who does cumulative effects monitoring?

- Note
- **Individual proponents may well have non-cumulative (project-specific) aspects of monitoring to do for a valued ecosystem component**
- **Focus here is on the cumulative effects monitoring**

Coordination of cumulative effects monitoring programs

- More than one organisation will be monitoring each cumulative effect
- Need for coordination
- Focus on management means a need to target those aspects most important for managing the (cumulative) effect
- Regulator needs to specify these aspects

Coordination of cumulative effects monitoring programs

- Common monitoring protocols for comparability
 - My protocol is better than the others! – not a helpful claim
- Collaborative development of protocols best
- Regulator may need to specify the protocols

Uses of Cumulative Effects Monitoring Programs

- Focus on management of valued ecosystem component
- Focus on filling information gaps in order to manage the valued ecosystem component
- Learn and adapt the project and adapt other human activities

Uses of Cumulative Effects Monitoring Programs

- Suffield examples species at risk
 - Sprague's pipit
 - Snakes
- Monitoring can tell us how to reduce impacts
- Apply these techniques elsewhere to reduce cumulative effects
- Cumulative effects require cumulative solutions