



# **Adaptation indicators for biodiversity**

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# Why adaptation indicators?




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**Primary purpose is to monitor implementation of policies, measures and actions**

Also needed to

- Justify, target & monitor funding for adaptation
- Mainstream adaptation within & between sectors
- Communicate adaptation to policy/decision-makers & others
- Compare adaptation across sectors, regions & countries
- Inform international climate change negotiations

# Conceptual framework - adaptation indicators

		Process-based indicators		Outcome-based indicators
Planned adaptation to climate change impacts		Development of adaptation policies (e.g. preparation of catchment-specific flood management policies/plans)		
				
		Delivery of adaptation measures (e.g. construction of flood protection schemes)		Effectiveness of adaptation actions (e.g. reduction in economic losses due to floods)

# Adaptation principles for biodiversity

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## Seven overarching principles for biodiversity and its conservation

- Take action now
- Maintain & increase ecosystem resilience
- Accommodate impacts of climate change
- Facilitate knowledge transfer between partners, sectors & countries
- Develop knowledge/evidence base & plan strategically
- Use adaptive conservation management
- Monitoring & indicators

# Adaptation indicators for biodiversity

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## Workshop to develop specific adaptation indicators

- Gain consensus on proposed approach
- Determine how Bern principles might be translated into adaptation indicators for biodiversity
- Identify a preliminary set of adaptation indicators for biodiversity
- Consider how approach might support EC climate change/biodiversity policy

# Process-based indicators for biodiversity (1)

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## Adaptation policy indicators

- Existing relationships are being strengthened & new partnerships built
- Awareness of the benefits that biodiversity provides & its role in adaptation is increasing
- Best practice is being communicated & information exchanged on successful adaptation

# Process-based indicators for biodiversity (2)

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## Adaptation measure indicators

- Vulnerability assessments of biodiversity & ecosystems are being undertaken
- New approaches are being piloted
- Adaptation actions are being continually monitored & re-assessed

# Outcome-based indicators for biodiversity

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## Adaptation action indicators

- Other sources of stress & harm are being reduced
- Buffer zones are being established around conservation areas
- Networks of interconnected protected areas & intervening habitat mosaics are being established



## Next steps

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### Prepare the ground for embedding the adaptation indicators for biodiversity

- Identify a representative sample of stakeholders/sectors
- Conduct detailed discussions with stakeholders
- Propose a process for embedding the indicator set