Protected Areas Management and International Cooperation in Nepal

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Contents

• Overview of conservation history in Nepal

• Areas of International Cooperation

• Glimpse of ongoing programs

• Challenges and ways forward

• Conclusion
Total PAs = 20.
Total Area = 34,193 km² (23.23%)

National Park = 10
Wildlife Reserve = 3
Conservation Area = 6
Hunting Reserve = 1
Buffer Zones declared in 12 PAs
1973: Protected Area establishment declaring Chitwan National Park

1989: Involvement of local communities in PA management (ACA)

1992: Provision of Buffer Zone in PA

2006: PA management responsibility to the local community (KCA)
**Conservation Approaches**

**Landscape- Level**

Landscape level conservation: Ecoregion Complex to LHNI

**Integrated Conservation and Development through BZs and CAs**

**Community**

**Species**

Large Mammals

PAs for in-situ conservation


**ERC**

**ICDP**

The Landscape Approach in Nepal

TERAI ARC LANDSCAPE

Map produced April 2001.
Landscape Level Conservation

KSL

TAL

CHAL

SHL

Tri-National Peace Park

Legend
- International Boundary
- Protected Area
- Buffer Zone
Areas of International Cooperation

- Protected Area establishment
- Management Plans
- Protected Area Infrastructures
- Communication equipment
- Research and monitoring
- Staff capacity building
• Conservation awareness
• Habitat management
• Species conservation
• Buffer zone management
• Integrated conservation and development/livelihood programs
• Anti-poaching and wildlife crime control
International Cooperation

..... and many more...
International Conventions/Agreements

- Convention on International Trade of Endangered Species of Wild Fauna and Flora (CITES) 1975
- The World Conservation Union (IUCN) 1978
- World Heritage (UNESCO)-1978
- Ramsar Convention 1987
- Convention on Biological Diversity-1992
- Global Tiger Forum (GTF) 1993
Species Breeding Centre:

- Elephant Breeding Centre
- Crocodile Breeding Centre
- Vulture Breeding Centre
- Black buck conservation
Species Research and Monitoring

Satellite Telemetry in Rhino Monitoring
Science and Technology

DNA profiling of the key species

MIST Implementation
Species Trans-location
Efforts to Curb Wildlife Crime

- **Local level**: Community based Anti-poaching

- **National level**: NTCC, WCCCC, WCCB, WCCB-Unit,

- **International level**: Trans-boarder resolution (India) and MoU (China), CITES, SAWEN, Interpol
SAWEN Member Countries

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Curbing Wildlife Crime

Trans boarder cooperation

UVA against wildlife Crime
Poaching and Wildlife Trade
Buffer Zone Program-Small Enterprises
Conservation Program
Challenges and Ways Forward

• Population, poverty and pressure on PA resources: Livelihood issues to be addressed

• Habitat loss/Invasive species and fragmentation: wetlands, grasslands, corridor connectivity

• Development pressure: Green SMART infrastructure
• Old and inadequate infrastructure: Construction and renovation

• Poaching and illegal trade: Improvement of law enforcement

• Human-wildlife conflicts: Rescue and compensation strategy
Conclusion

- Technical and financial cooperation for wildlife crime control
- Identification of appropriate mechanism to improve the livelihoods of fringe population
- Capacity enhancement of management authority
- Climate Change: Emerging Issue
Thank You for Your Attention!!