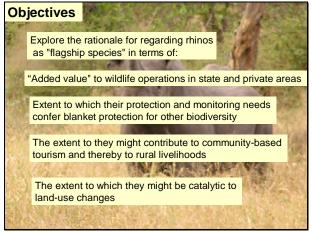
Economic analysis of rhino conservation (A. Spenceley) (presented by R. du Toit)





Concentrate on market values of relevant goods and services rather than non-use values

Outline the issues and implications associated with consumptive uses of rhinos

One or two study sites be used for each portion of the analysis

Sites: with financial data for periods both with and without rhino, or where populations have changed markedly (therefore affecting the probability of seeing/hunting rhino)

Desk study: information on black and white rhino populations, financial information from the park and tourism facilities etc.

Interviews: with key stakeholders

Quantitative data

Economic
Revenue from hunting/photographic tourism/live sales,
Rack rates for services to tourists
(e.g. accommodation, park entry fees),
Occupancies, turnover, cost of sales,
Additional costs incurred by the presence of rhino
(e.g. management, anti-poaching),
Concession fees,
Land values (for private land),
External donor/state funding,
Tourist demand studies where available.

Environmental
Area of land under conservation,
Funds available for conservation management/monitoring,
Population density of other species

Socio-economic
Local financial and livelihood benefits
(e.g. employment, local services/product purchasing and implications for local poverty alleviation)

Qualitative data
regarding marketing strategies
(i.e. the relative importance of rhino in marketing), tourist demand studies where available, local perceptions of rhino vs other wildlife species and protected areas
(e.g. relative to human-wildlife conflict)

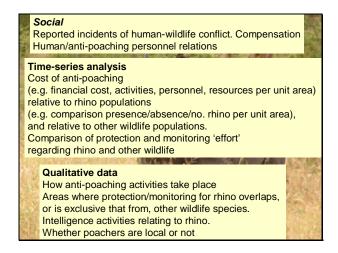
QUESTION 2: How does the protection and monitoring of rhinos affect other wildlife components?

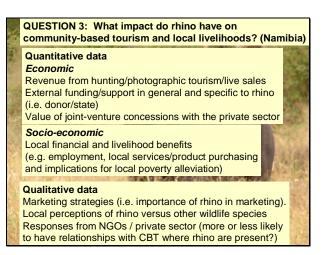
Quantitative data

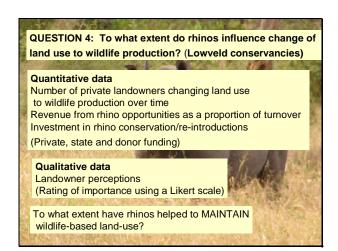
Economic

Budgets and costs of anti-poaching activities with/without rhino (e.g. including labour, equipment per unit area)
Poaching statistics per unit area (of all species monitored)
Wildlife monitoring costs
Relative importance of different funding sources (e.g. donor, state, private sector)

Environmental
'Success' of anti-poaching activities (e.g. changes in no. incursions/snares etc)
Wildlife population dynamics







Key issues and processes for the development of national rhino strategies and re-introduction projects (M. Brooks)