Challenges in Integrating Biodiversity Conservation and Local Development: A case study of Ang Trapeang Thmor (ATT) Protected Area in North West Cambodia

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BACKGROUND
• Ang Trapeang Thmor (ATT) was created in 1976/1977 as a large reservoir with three dams aimed at providing irrigation water for rice cultivation.

• In 2000, the reservoir was declared a protected area (Crane Sanctuary) with a number of zones following the discovery of a significant non-breeding congregation of Eastern Sarus Cranes (Grus antigone).

• The protected area covers about 12,650ha consisting of large lake, lowlands and forest.

• In 2003, demonstrations by two bordering villages (Pongro and Sambuor) due to loss of land led to a re-negotiation of the various zones of the protected area.

• In 2005, conflicts arose over high water levels causing flooding of rice fields between upstream and downstream villages. These conflicts are still present today

• The protected Area is managed today by the World Conservation Society (WCS) taking over from the International Crane Foundation (ICF) in 2005.

OBJECTIVES OF THE STUDY
• To assess the impact of the protected area and it’s management on local livelihoods in the local villages of Pongro and Sambuor.

• To investigate the local perception , participation and understanding of the need for conservation of natural resources among the the local population of Pongro and Sambuor.

STUDY AREA
Pongro (13°48′46.78″N 103°19′33.52″E)
Sambuor (13°49′17.62″N 103°19′43.94″E)
Poay Char Commune, Phnom srok District, Banteay manchey Province, North West Cambodia.

METHODS
• Semi structured interviews (SSI)
• Questionnaire survey (QS)
• Participatory Rural Appraisal (History Trend, Focus Group Discussions, Transect walks etc)
• Participant observation

SUMMARY OF FINDINGS
• The protected area has a negative impact on the livelihoods of peoples in the studied villages;

• Loss of agricultural lands led to encroachment on the surrounding public Forest for the cultivation of cassava;

• There are conflicts over use of water resources between the studied villages and those downstream

• The general perception of the villagers with respect to the protected area (ATT) is very negative.

CONCLUSION
• The designation of the protected area has had a strong bearing on local livelihoods due to restrictions to access and user-rights to land and management of resources around the area

• The poor management of natural resources especially water is at the center of conflict between villages on one hand, and villages and the State on the other hand

• The passive participation of the villagers in the protected area management coupled lack of understanding of the aims of the project has led to negative perception by the villagers.

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