

ATTACHMENT 1 – TERMS OF REFERENCE

Satellite Image Interpreter

The Wildlife Conservation Society WCS Cambodia Program

Tasks

The purpose of the deforestation analysis will be to evaluate the conservation impacts of the two protected areas (PAs: Kulen Promtep Wildlife Sanctuary and Chhep Wildlife Sanctuary) and three payments for ecosystem services (PES) schemes being implemented with the study area. As such, the aim of the proposed evaluation is to answer two related questions: (1) Do PAs protect forests in comparison with controls? and (2) Do PES programmes protect forests in comparison with controls?

Responsibilities:

- Landsat scenes in study area for annual deforestation mapping from 2001 to 2018
- Forest/Non-forest interpretation for 39 plots
- Other tasks as needs for this analysis

Qualifications and experience:

- English speaking and writing ability
- Advance GIS with ArcMap and/or QGIS
- Demonstrated ability to interpret satellite images
- Strong attention to detail

The position is based in Phnom Penh, Cambodia with one field visit to ground truth the satellite imagery.

Reports to: GIS Team Leader and Senior Technical Advisor

- The satellite image interpreter will review satellite imagery to identify areas of deforestation between 2001 and 2018 within a 5km buffer of selected villages in the Northern Plains landscapes.