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REMOTE SENSING ASPECTS OF ENVIRONMENTAL IMPACT  
ASSESSMENT PROJECT OF A PROPOSED HIGH VOLTAGE  
TRANSMISSION LINE CORRIDOR

**REMOTE SENSING ASPECTS OF ENVIRONMENTAL IMPACT  
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RECTAS contributed to a World Bank Project on Environmental Impact Assessment. This project concerned a proposed corridor of 250 km long, which was to be defined and characterized for impact assessment of a high voltage transmission line (HVTL).

SPOT XS scenes were utilized. Subscenes 10km x 10km were extracted and visually interpreted for the base line information on the existing roads and settlements. The corridor was then proposed in relation to the existing highway and the settlements identified. The overall principle was to keep the proposed corridor as closed as possible to the highway but to avoid as much as possible the existing settlements.

After the initial definition, there was further image treatment involving band ratioing. We obtained an output image which was in pseudo-natural colours showing the dense, green vegetation in green colour. The output image permitted us to provide a functional landcover classification. this functional classification allowed us to determine the degree of sensitivity of each landcover class to the proposed HVTL.