# MONITORING ENVIRONMENTAL IMPACTS OF LAND AND WATER DEVELOPMENT IN SRI LANKA WITH AERIAL SURVEY REMOTE SENSING

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**ABSTRACT :**

In attempting to achieve the desired technical goals in the absence of an ecological basis for development and use of her renewable resources of land and water, Sri Lanka is presently faced with numerous environmental side-effects, from 'on-going'development programs, initiated over the past few decades. The resource use trends clearly point to high risks of over-exploitation beyond their capability, unless strict management controls are imposed. The role of aerial survey remote sensing has been well recognised and established in local level monitoring, mapping and environmental impact assessments, and in keeping with the technology suited to the local situation, it shows considerable promise as a useful monitoring tool by generating information to the desired detail and accuracy for management decisions.

**KEY WORDS : Remote Sensing, Renewable Resource, Mapping.**