



USING MULTI-TEMPORAL DATA FOR ASSESSING FOREST COVER CHANGE IN MAHAMAYA CITY FOREST OF JAMMU (J&K)



RAKESH VERMA

Range Forest Officer
Sunderbani Forest Range
Nowshera Forest Division-Jammu

ABSTRACT : *The study was carried out at Mahamaya City Forest in Jammu, aimed at assessing the forest cover change using multi-temporal Google Earth Data. Post classification change detection was applied on temporal forest cover class datasets obtained by unsupervised classification technique with maximum likelihood algorithm. The overall change analysis*

indicated a significant increase in forest cover. Statistics on selected landscape metrics were generated to quantify the change in spatial structure.

KEYWORDS : *Multi-temporal data, Mahamaya City Forest, forest cover change, change detection study, Erdas Imagine, Arc GIS.*