

## **REMOTE SENSING AND GIS FOR WASTELANDS AND LAND UTILISATION STUDIES OF PERIYA KALRAYAN HILL, SALEM AND VELLUPURAM DISTRICT**

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### **ABSTRACT**

*Wastelands and Land use change is one of the important aspects of the regional ecological restoration research. With remote sensing (RS) image in 2003, 2007 and 2012, using geographic information system (GIS) technologies, the land use pattern changes in Periya Kalrayan hill mountain ecological restoration area in Salem and Villupuram district and its driving force factors were studied. Ecological Restoration can greatly change the micro topography, increase vegetation coverage, and then induce significant changes in the land use distribution, which were the main driving force factors of the land use pattern change in the ecological restoration area.*

**KEYWORDS** *Land Use and Land Cover Studies, Remote Sensing and GIS*

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