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SPECTRAL ANALYSIS OF DIFFERENT VEGETATION COVER USING THE HYPERION SENSOR – A CASE STUDY IN THE STATE OF RIO DE JANEIRO – BRAZIL

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Abstract. The knowledge about of land use and current status of vegetation represent important steps in understanding the spatial dynamics in areas with increased removal of vegetation and human disturbance. This feature is very common in its Brazil considering the biophysical diversity observed. In this sense, interest in patterns and processes that lead to environmental changes has been receiving great support from geoprocessing and remote sensing for monitoring, environmental and planning of natural resources. Following this trend, the study uses products from hyperspectral geotechnology to identify new methods of analysis of the landscape, in areas with vegetation remnants of Atlantic Forest in the State of the Rio de Janeiro.

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