

# AVALIAÇÃO DA EXATIDÃO TEMÁTICA DA COBERTURA E USO DA TERRA REPRESENTADA ATRAVÉS DO MAPBIOMAS NO RIO DE JANEIRO

Camila Lauria Zenke da Cruz<sup>1</sup>

Carla Bernadete Madureira Cruz<sup>2</sup>

1 - Universidade Federal do Rio de Janeiro - Departamento de Geografia - (camilalzenke@gmail.com)

2 - Universidade Federal do Rio de Janeiro - Departamento de Geografia - (carlamad@gmail.com)

## ABSTRACT

Land Use and Land Cover Mappings are an important tool to promote the rational use of space. The increase in the availability of remote sensing products, large-scale processing, and machine learning techniques have been promoting great initiatives, such as the MapBiomias Project. However, it is important to recognize the positive aspects and limitations of these new technologies and products. This study aims to better understand the potentials of these new approaches through a pixel-by-pixel comparison between Mapbiomas and SEA / 2015 LULC. SEA / 2015 LULC was used as a spatial and thematic reference for two pilot areas in the State of Rio de Janeiro. The results suggest that the Mapbiomas Project achieved a high level of reliability, and it is also an important source of geospatial data and reference for conducting thematic mappings.

**Keywords:** Thematic Mapping, Mapbiomas, Land Use Land Cover Mapping.

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