

# CARTOGRAFIA TÁTIL: PROPOSTA DE ANÁLISE DA PERCEPÇÃO DO ESPAÇO GEOGRÁFICO EM ESCOLA DA BAIXADA FLUMINENSE

Érika Medina de Medeiros<sup>1</sup>  
Prof. Dr. Gustavo Mota de Sousa<sup>2</sup>

1 - Universidade Federal Rural do Rio de Janeiro - Departamento de Geografia -  
(medeiroserika96@gmail.com)

2 - Universidade Federal Rural do Rio de Janeiro - Departamento de Geografia -  
(gustavoms@ufrj.br)

## ABSTRACT

Cartography is the science responsible for the organization, presentation, communication and use of geoinformation for the creation of maps and cartographic models and one of its branches is the Tactile Cartographic, which is designed to make maps and models that can be read by blind people or with low vision. Such tactile products respect the Brazilian Inclusion Law (LBI), which establishes the right to an inclusive educational system for people with special needs (PNE), however, few schools have access to them. This research seeks to use the Tactile Cartography and Geotechnologies to analyze the perception that blind or low vision children, students from regular schools in the State of Rio de Janeiro (RJ), have the geographical space in which they coexist through the presentation of maps and tactile models of the physical features of the landscape around the institutions. In view of this, we opted for the choice of materials available for the construction of such products as the EVA, the string, the sequins, among others. The evaluation of the results was based on the use of oral questionnaires based on phenomenology and cognitive psychology in order to understand how the geographic information presented is processed. The acquired results point to the need to adopt such materials in the teaching-learning process in the classroom and not only in Resource Rooms as it happens in some schools.

**Keywords:** CartographyTactile; GeographyTeaching; PNE; Baixada Fluminense; Classrooms.