

# O USO DE GEOTECNOLOGIAS ASSOCIADO A METODOLOGIAS PARTICIPATIVAS NO ENSINO: APLICAÇÃO EM ESCOLAS MUNICIPAIS DO PRIMEIRO DISTRITO DE PETRÓPOLIS

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## ABSTRACT

Although the diffusion of geotechnologies is already an everyday reality, its insertion as a support tool in basic education is still incipient. These geotechnologies associated with participatory methodologies, especially in the school application, allow the direct involvement of students in the process of producing geographic information and in the making of maps. Thus, the present work proposed the creation of a methodological proposal of school activity based on the use of geotechnologies associated with participatory methodologies to meet the demands of the thematic axes of the History, Geography, Tourism and Education for Transit of Petrópolis (HGPT- ET). The methodology of the work was divided in three stages: the analysis and reading of the curricular reference of the elementary school and the pedagogical notebooks; the definition of the activity and the tool to be used and, finally, the realization of practical workshops in two municipal schools, where the students could choose their points of interest in the municipality of Petrópolis, besides collecting information on these points to compose the maps. As results, a map was obtained in interactive and analog versions of the municipality of Petrópolis with the points and information collected by the students. The methodological proposal aims to serve not only as an exercise, but as pedagogical material of the specific discipline about the city, filling a gap of didactic material on Petrópolis.

**Keywords:** geotechnologies, participatory methodologies, methodological proposal, HGPT-ET, teaching.