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Nota di contenuto	Intro -- CONTENT -- 1 INTRODUCTION -- 1.1 METHODOLOGY GOAL -- 1.2 BASIC TERMS -- 2 GEOINFORMATION SKILLS IN TEACHING -- 2.1 GEOINFORMATION LITERACY -- 2.2 GEOINFORMATION SKILLS -- 2.3 CHARACTERISTICS OF INDIVIDUAL GEOINFORMATION SKILLS -- 2.4 ANCHORING THE DEVELOPMENT OF GEOINFORMATION SKILLS IN CURRENT CZECH CURRICULUM DOCUMENTS -- 2.5 ANCHORING THE DEVELOPMENT OF GEOINFORMATION SKILLS IN FOREIGN CURRICULAR DOCUMENTS -- 3 GIS TOOLS FOR DEVELOPING GEOINFORMATION SKILLS -- 3.1 GIS SOFTWARE, OPEN DATA AND MAP PORTALS / APPLICATIONS -- 3.2 OPEN DATA -- 3.3 MAP PORTALS / APPLICATIONS -- 3.4 DIGITAL MAP SPECIFICATIONS -- 3.5 BENEFITS AND DRAWBACKS TO TEACHING GIS -- 4 DEVELOPMENT OF GEOINFORMATION SKILLS IN TEACHING -- 4.1 PROPOSED PRINCIPLES FOR DEVELOPING GEOINFORMATION SKILLS IN TEACHING -- 4.2 APPROACHES TO INTEGRATING GIT INTO TEACHING -- 4.3 DECIDING ON TEACHING WITH GIT -- 4.4 PRINCIPLES OF INTEGRATING THE MATRIX OF GEOINFORMATION SKILLS INTO TEACHING -- 4.5 GEOINFORMATION SKILLS MATRIX -- 4.6 ANNOTATIONS TO THE TASKS FOR DEVELOPING GEOINFORMATION SKILLS -- APPENDIX 1: SELECTED MAP PORTALS AND APPLICATIONS USEFUL IN TEACHING -- REFERENCES.

## Sommario/riassunto

This conceptual monograph responds to insufficient support for developing geoinformation skills in Czech lower and upper secondary schools. It aims to create an interconnected system for developing geoinformation skills in teaching in lower and upper secondary schools, emphasizing the implementation of GIS tools and proposing principles for the development of geoinformation skills in teaching. For this purpose, a matrix of learning tasks is created, arranged according to individual geoinformation skills – reading, selection, use, creation, and sharing. The monograph is intended mainly for pre-service and in-service geography teachers at lower and upper secondary schools, the leaders of school educational programmes, and teachers in non-formal education. The monograph, including learning tasks and other materials, is available online at <https://gitdoskol.ped.muni.cz>.

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