

# **An Overview of physico-geographical regionalisations and an analysis of their representation in Geography textbooks for secondary schools**

## **Abstract**

At present there is a large number of various regionalisations which concern the classification of the biosphere. The aim of the thesis is to develop an overview of the regionalisations of the physico-geographical sphere in the individual constituent spheres of physical geography. Firstly, the thesis provides an overview in terms of the lithosphere, atmosphere, hydrosphere, biosphere and pedosphere.

The second part contains an analysis of secondary school Geography textbooks with respect to the occurrence of regionalisation of physico-geographical spheres. The analysis is based on 3 selected criteria. The first criterion is the frequency of occurrence of the very term itself and its more precise definition. The second criterion examines whether textbooks contain graphical demonstrations of the analysed terms in a map. The third criterion enquires whether the stated terms related to regionalisation are interconnected and put into perspective with other spheres. According to the results of the analysis, the highest-scoring textbook is "Geografie I., fyzickogeografická část (2012)". As for the representation of individual regionalisations in the physico-geographical spheres, the most elaborated sphere is the lithosphere with 55% of total occurrence. In contrast, the least represented is the hydrosphere. The analysis shows that the greatest deficiency in textbooks falls on the third criterion: the interconnectedness among the individual spheres. The thesis further contains charts showing the representation of regionalisations in constituent physico-geographical spheres in individual textbooks.

**Keywords:** regionalization, analysis, physical-geographical sphere, textbooks