## ICA Commission on Atlases ICC Preconference Workshop – Abstracts



Infographics in Atlases: Concept of definition and classification Vít Voženílek, Vondráková, A., Koníček, J., Barvíř, R. Palacký University Olomouc, Czechia vit.vozenilek@upol.cz

Infographics as a popular and up-to-date method of visualization of both spatial and attribute data became obvious in majority of atlases. While infographics show complex stories, uncover data and provide more readable and effective way of understanding information than basic statistical data visualization. Although the outlines and principles of infographics are not precisely defined, they are widely used and developed. In addition, infographics are using different types of graphic visual representation of information, data or knowledge through the attribute data visualization (graphs, diagrams, and tables), spatial data visualization (maps, geo-oriented diagrams), text and pictures.

The objectives of this contribution is to present a concept of defining those terms in the area of cartographic research, taxonomy and classification, based on examining example layouts in atlases from different parts of the world. As a result of the research is to unite recent approaches and provide clear description of infographics in atlases.

In the case study, wide range of infographics were being evaluated in the term of their location on a range between maps on one side and non-spatial data visualization on the other side. On each of the selected infographics, area coverage, graphical dominance, information value, and visual hierarchy of map and non-spatial data part was evaluated to identify different infographics styles and their specifics. For all examined properties, several intervals or range was set to be able to combine different types into characteristic combinations.