Geovisualization-based solutions in cartography
1. Cartograms 1: Analysis of early examples made finishing the XIX and in the first half of the XX century
2. Cartograms 2: Analysis of modern examples made finishing the XX and beginning the XXI century
3. Cartograms 3: free software and applications for their making
4. Chernoff faces 1: Analysis of non-map-based and map-based examples made from 1973 to nowadays
5. Chernoff faces 2: Their use in different software
6. Chernoff faces 3: Practical examples of using the Chernoff principle in school cartography
7. The use of sound in cartography: Presentation and analysis of practical examples (maps and atlases for blind and visually impaired people)
8. Cybercartography: Thematic solutions in past and current research projects
9. The use of word and data clouds in cartography 1: Analysis of examples
10. The use of word and data clouds in cartography 2: presentation of web-based applications
11. Non-map-based and map-based geovisualization 1: Analysis of examples stored on the Web
12. Making of thematic maps using a web-based application 1
13. Making of thematic maps using a web-based application 2

Literature:

- 10 great examples of data visualization design, 2013 [Online] Available at http://www.designer-daily.com/10-great-examples-of-data-visualization-design-37927 [Accessed 26 May 2016]
- Andrieu, D., Kaiser, C. & Ourednik,A., 2008. ScapeToad: not just one metric [Online] Available at http://chorogram.choros.ch/scapetoad/index.php [Accessed 26 May 2016]
- Geographic Information Systems, 2011. Examples of geovisualizations of global connectivity [Online] Available at http://gis.stackexchange.com/questions/16227/examples-of-geovisualizations-of-global-connectivity [Accessed 26 May 2016]
- Geographic Information Systems, 2011. Examples of building-level geovisualization [Online] Available at http://gis.stackexchange.com/questions/7582/examples-of-building-level-geovisualization [Accessed 26 May 2016]
- Feinberg, J., 2014. Wordle [Online] Available at http://www.wordle.net/ [Accessed 26 May 2016]
- Learn to create maps on the web and visualize geospatial data [Online] Available at https://docs.cartodb.com/ [Accessed 26 May 2016]
- Tagxedo: Word Clouds with Styles [Online] Available at http://www.tagxedo.com / [Accessed 26 May 2016]
- Tagul: Word Cloud Art [Online] Available at https://tagul.com / [Accessed 26 May 2016]
- Yau, N., 2007–2016. How to visualize data with cartoonish faces ala Chernoff [Online] Available at http://flowingdata.com/2010/08/31/how-to-visualize-data-with-cartoonish-faces/ [Accessed 26 May 2016]
- Zygomatic, 2016. WordClouds [Online] Available at http://www.wordclouds.com/ [Accessed 26 May 2016]

Suggested literature:

- Other websites related to the topics included in the course.