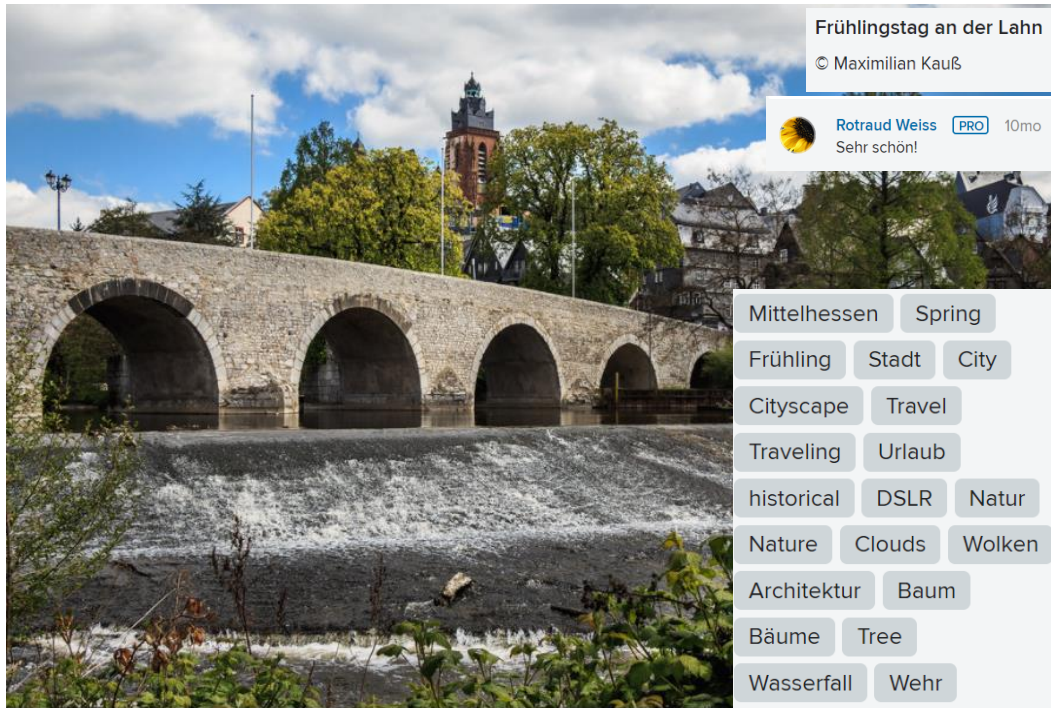


Topic for Master's thesis:

Linking perceived qualities of river landscapes from user generated content to public participation GIS



Example of a UGC contribution (www.flickr.com, copyright Maximilian Kauß).

Background: How can we take into account local knowledge and people's values related to landscapes in the processes of spatial planning and resource management? Researchers from the Leibniz Universität Hannover work on a project assessing perceived qualities of Lahn river landscape in Hessen, Germany by public participation GIS (PPGIS). In cooperation with them, we are looking for motivated students willing to estimate the potential of different User Generated Content (UGC) sources and methods of information extraction from these sources. The results will be compared to the results obtained by PPGIS. The methods of analysing UGC may vary from qualitative analysis to computationally intensive quantitative methods depending on the preferences of the student and the research questions identified.

Supervision: The thesis will be co-supervised by Olga Chesnokova and Prof. Dr. Ross Purves from the Geocomputation group, and Sarah Gottwald from the Leibniz Universität Hannover.

Requirements: Willingness to learn basics of text processing and statistical data analysis.