

New potentials for analyzing networked images - Similarity as a criterion for comparing images in image studies, computer and visualization science using the example of climate images on the web

Initiative: "Mixed Methods" in den Geisteswissenschaften?

Ausschreibung: Projekte

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Laufzeit: 3 Jahre

Projekt-Website: <https://interface.fh-potsdam.de/anci>

The research design brings together three disciplines: computer graphics (Potsdam Institute of Climate Impact Research), visual studies (Potsdam University) and interface design (Potsdam University of Applied Sciences). The project aims at investigating potentials of digital comparison methods for the field of climate images on the Internet. It will take into account the mutual critique of the respective approaches, by reflecting on the surplus of quantitative and qualitative methods in studying pictures critically. The underlying topic focuses concepts of similarity as the general basis for any comparison. The concept of similarity is explicitly interesting for this scientific issue because it serves as a key method for digital image analysis and art history/visual studies alike. At the same time similarity can be approached with quantitative and qualitative methods. Starting point are 20 images found on the internet and which can be understood as "Schlagbilder" in the sense of Aby Warburg. Expected results will be on three levels: on the basis of a critical and qualitative evaluation and enhancement of existing algorithms to study image similarities quantitatively; on the basis of visual climate change communication by gaining new insights into what roles these images perform between science, politics and culture; and on a meta-level of an additional self-reflecting observation of the interdisciplinary collaboration.

Projektbeteiligte

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