

Digital Earth Workshop on Visual Data Exploration

06. - 08. February 2019

GFZ Potsdam, Building H, Meeting Rooms 2/3

Intention of the workshop

The workshop intends to develop appropriate visual exploration strategies for Digital Earth challenges related to the two science cases of flood and methane. The focus will be on the creation and exploration of “holistic views” on multidimensional data sets (space, time, multiple variables, different scales) from various sources to identify and assess relationships and pattern inherent in the data.

Participants

The workshop is targeted to developers of visualization concepts and software as well as domain scientists from flood and methane science cases who want to contribute to a sound requirement analysis and assessment of visualization concepts.

Assignment for workshop

Participants should provide the following information and attach it to the registration eMail:

- Specify and characterize (visualize if needed) the data for visualization / exploration in a holistic view
- Specify clearly the scientific questions that you want answered - for instance, spatial and temporal dependencies, event or trend/pattern recognition etc.
- Specify data combinations that are reasonable to answer the questions

Agenda

Wednesday, February 6th

13:00 -17:00 *Introduction into visualization concepts and techniques*

Thursday, February 7th

09:00 – 12:00 *Analysis of requirements for visual exploration approaches for “holistic views”*

12:00 – 13:00 *Lunch Break*

13:00 – 17:00 *Development of visualization concepts, and first mock ups*

Friday, February 8th

09:00 – 12:00 *Assessment and refinement of visualization concepts and mock ups, discussion of technical implementation*

12:00 – 13:00 *Further procedure*

Registration

eMail: dana.felski@gfz-potsdam.de

Deadline: 27.01.2019