

Discipline specific protocol: rate your reproducibility

From a research perspective, the analysis and processing of the data often tells more about the quality of the research than the data itself. Making the chain of data handling and analysis steps reproducible and transparent can be a challenge, but will help to better understand and describe the research workflow.

OpenEarth provides a protocol for handling geospatial data (<https://publicwiki.deltares.nl/display/OET/Data+Protocol>) in a reproducible way. The key of this approach is to properly store the raw data and all the subsequent processing/handling steps under version control. Besides the value of this approach in terms of documenting the research workflow, it also reduces the requirements for storage, backup and archiving of the derived data products.

In this workshop, participants will be sketching their research workflow. Taking reproducibility as a starting point, they will be challenged to rank for each element in the workflow importance in terms of reproducibility.

Participants are also invited to exchange their workflows and rankings among each other and critically review and discuss the choices made.