PhD project

A Data Management Plan created using DMPonline

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Template: TU Delft Data Management Questions

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Copyright information:

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1 of 3

PhD project

General TU Delft data management questions

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- Yes, the only institution involved

Associate Professor Dr. Roland Schmehl (r.schmehl@tudelft.nl)

- Git(lab)/subversion repository at TU Delft

The project is mostly on methodology development/developing code. The generated results are in general not of direct use to other parties, but the code is. Sandbox code repositories (git) will be used for regular back-ups. These private repositories are shared with R. Schmehl. Code that is used for a publication will be condensed and shared in a public repository on the Github (organization) account of the research group (https://github.com/orgs/awegroup), e.g.: https://github.com/awegroup/awe-era5. Important text documents, such as papers, will be saved and backed-up in Overleaf in the cloud and shared with R. Schmehl.

- < 250 GB

As explained earlier, the produced results in this project will mostly be code and not data, therefore, limited data storage suffices. All input data is not owned by the project and is already backed-up by the external parties.

- Not all data can be publicly shared - please explain below which data and why cannot be publicly shared

In principle, all produced code that can be of use to other parties/implementations of published methodologies are made publicly available. Sandbox repositories are kept private, but are in the end condensed into a well-documented public code repository. Not all input data is published together with the code. Flight data of external parties can not be published, e.g., flight data of Kitepower B.V. (https://kitepower.nl/data-request-form/). In that case, the code repository refers to the external party and relevant metadata is documented. For already public wind data, downloading instructions are provided in the code repository if the data is large.

- < 100 GB

Storage needed will be limited. 4TU storage is expected to be sufficient for publishing input wind data, e.g.,https://doi.org/10.4121/uuid:646eaf3f-c90b-4f22-89bf-8986804def3c .

- My data can't be shared in a repository, so the metadata will be registered in Pure instead and all research publications resulting from the project have a statement explaining what additional datasets/materials exists; why access is restricted; who can use the data and under what circumstances.
- Data will be uploaded to the 4TU.Centre for Research Data
- I will share my data and code via git(lab)/subversion and also create a snapshot in a repository

In the first place, produced code will be made publicly available in a repository on the research group's Github account. A release will be issued and DOI generated for the version used for writing any publication. This should include documentation on the dataset (metadata/source), if the dataset itself can not be published. If the dataset is too large for version control, a 4TU repository will be made for the release including both the data and code used for writing the publication.

- No

- Other types of personal data – please explain below

Non applicable

TU Delft questions about management of personal research data

Non applicable

- No

Non applicable

Non applicable

Non applicable

- None of the above apply

Non applicable