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## Plan Overview

*A Data Management Plan created using DMPonline*

**Title:** nulmeting en monitoring biotiek Boontjes

**Creator:** Johan Craeymeersch

**Affiliation:** Wageningen University and Research (Netherlands)

**Template:** Data Management Plan | Wageningen University and Research

### Project abstract:

Rijkswaterstaat heeft WMR gevraagd om in het najaar van 2024, 2025 en 2026 bemonsteringen uit te voeren in de vaargeul naar Harlingen. Doel is daarmee het effect van mitigerende maatregelen van het baggeren en verspreiden van sediment in de Boontjes op het bodemleven en sediment te meten.

**ID:** 156671

**Start date:** 01-09-2024

**End date:** 31-12-2027

**Last modified:** 31-07-2024

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# nulmeting en monitoring biotiek Boontjes

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## A. Describe the research project

### 1. Name researcher (please, add your full name):

Johan Craeymeersch

### 2. What is the name of your department(s)?

- Wageningen Marine Research

### 3. What is the name of your chair group(s) or business unit(s)? English name and abbreviation for chair groups from [this page](#); business units from [this page](#) (expand to Wageningen Research and keep expanding to find your specific division / group). Examples: Bioprocess Engineering (BPE) or Contract Research Organization (CRO).

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### 4. Describe the organisational context of your research project.

DMP version (or date last modified)	
Supervisor / (co-)promotors	
Graduate School (WU only)	
Start date of project	1 sept 2024
End date of project	31 dec 2027
Project number	
Funding body	Rijkswaterstaat

### 5. Give a short description of your research project.

Title	Nulmeting en monitoring biotiek Boontjes
Summary	Rijkswaterstaat heeft WMR gevraagd om in het najaar van 2024, 2025 en 2026 bemonsteringen uit te voeren in de vaargeul naar Harlingen. Doel is daarmee het effect van mitigerende maatregelen van het baggeren en verspreiden van sediment in de Boontjes op het bodemleven en sediment te meten.

### 6. List the individuals responsible for the following data management tasks.

Data collection	Jack Perdon
Data quality	Jack Perdon, Babeth van der Weide
Storage and backup	Margriet van Asch, Babeth van der Weide
Data archiving / publishing	Jan Tjalling van der Wal
Data stewardship / support	Jan Tjalling van der Wal
Any other role [.....]	

### 7. I have requested a review of this data management plan from:

- No review requested.

8. Name of the data management support staff and / or data steward consulted during the preparation of this plan and date of consultation.

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B. Describe the data to be collected, software used, file formats and data size.

9. Will you use existing data for this project?

- No. Please describe below any constraints to reusing existing data.

10. Will new data be produced?

- Yes.

11. Please describe the data you expect to generate and / or use in the table below. Include reused existing data as well (as these are files that you manage and store).

File contents	Data type	Software	(Open) file format	Estimated size of each file (range)	Estimated number of files (range)
data bemonstering bodemschaaf	numerical	Access		300 Mb	3
data bemonstering box-corer	numerical	Access		600 Mb	3
data sediment	numerical	excel		100 Mb	3

12. Estimate how much data storage you require in total (e.g. by using the information in the table at question 11).

- 100-1000 GB

C. Storage of data and data documentation / metadata during research

13. Where will the data,code and accompanying documentation / metadata be stored and backed upduring the research project (see the [WUR Data Storage Finder](#))? Include platforms you use to share data, collect data on, or send data to for processing or analysis.

- W:drive Massive File Storage Disaster Recovery (WUR network drive).

## D. Structuring your data and information

### 14. Give a (visual) representation of the folder structure you intend to use.

centrale databases:

"W:\IMARES\Yerseke\Common\Data\Databases\CSO.accdb"

"W:\IMARES\DATA\Benthos"

### 15. Describe the file naming conventions you intend to use. Please give one or multiple example(s).

We zullen de adviezen gegeven door WUR volgen (organizing files and folders- WUR)

### 16. How will you distinguish between versions of files (multiple answers possible)?

- Dates within file names are updated when files are modified.

## E. Data documentation and data quality

### 17. Describe below what [data documentation](#) and metadata will accompany the data to help make the data findable, understandable, and reproducible.

- The WUR readme file template (see template at <https://doi.org/10.5281/zenodo.7701727>).

### 18. Describe what data and analysis quality controls will be used?

- We will use standard and validated protocols where appropriate.

## F. Working with sensitive data (personal data, ethics), data ownership, sharing and access

### 19. Who is the (rights)holder of the data (commonly known as the owner of the data)?

- WUR is the (rights)holder of the data.

### 20. What is the [data classification](#) for your project (for example as specified in SmartPIA) taking into account the (privacy) sensitivity of the data?

- Negligible.

### 21. Is this project registered in SmartPIA?

- No. Please register in SmartPIA in the case (privacy) sensitive data is collected (when applicable: via your supervisor, the project manager, see guidance).

**22. Please specify the (sensitive) data and privacy protection measures. Note that any measures undertaken should be consulted with the Information Security Officer (ISO) and Privacy Officer (PO).**

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**23. Are there other ethical issues that need to be taken into account which may include approval from [ethical committees](#)?**

- No.

**24. Will there be any intellectual property (IP) rights or alternative applications or routes to impact (such as commercial interests) associated with the data?**

- No.

## **G. Data archiving and publishing**

**25. Are there reasons to restrict access to the data or limit which data will be made publicly available?**

- No.

**26. Describe what data from question 11 will be archived internally (e.g. WUR network drive / Yoda@WUR) and not published, for a minimum of 10 years? Include the exact name for the storage medium chosen (see the [WUR Data Storage Finder](#)).**

- Not applicable as data will be published.

**27. What data will be published and made available for reuse via a data repository?**

all data produced will be published in a data repository

**28. When will the data be available for reuse, and for how long will the data be available?**

- Data will be available for at least 10 years as soon as the article or report is published and not required for any other article publication.

**29. Which data repository do you intend to use to make the data findable and accessible (see the [WUR Repository Finder](#))?**

- Other, please specify below.

Data will be put on online archive system, specific location to be decided between WMR and contractor

**30. Which metadata standard will be used to describe the data during internal archiving and / or depositing in a data repository?**

- Other, please specify below.

to be decided

**31. Which [licence/terms of use](#) will be applied to the data?**

- Other, please specify and/or provide link to the licence below.

CC-BY-SA-v4-license

## **H. Data management costs**

**33. What resources (in time and / or money) will be dedicated to data management, data archiving or publication, and ensuring that data is reusable? Indicate as well how these costs will be covered.**

- Other, please specify below.

Staff time, related to importing data to central database, and bringing data online

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