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## Plan Overview

*A Data Management Plan created using DMPonline*

**Title:** Simulating tourism water consumption with stakeholders (SIMTWIST)

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**Principal Investigator:** Bas Amelung

**Data Manager:** Bas Amelung

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

**Funder:** Netherlands Organisation for Scientific Research (NWO)

**Template:** For grants awarded before 1 January 2020 - Data Management Plan NWO (English)

**ORCID iD:** 0000-0001-8501-9787

### Project abstract:

In the Mediterranean region, tourism is an important but under-researched consumer of water. This project aims to 1) estimate tourism's share in current and future macro-level water scarcity in the Mediterranean, and 2) study and simulate water-related behaviour of tourism stakeholders at the micro-level. The project's ultimate objective is to inform tourism decision-makers about the effectiveness of a variety of measures to reduce tourism's water consumption.

**ID:** 42046

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### Copyright information:

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# Simulating tourism water consumption with stakeholders (SIMTWIST)

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## General information

### Name applicant and project number

Bas Amelung, ENWWW.2018.4

### Have you received support from the datamanagement support office of your institution writing this plan?

- Yes

I received extensive support from Shauna Ni Fhlaithearta.

## Description of the data

### Describe the data that will be collected/generated within the project.

- Background information case studies
- Audio files of interviews, transcribed interviews, coded interview data
- Audio files of serious game sessions, coded serious game data
- Agent-based model + ODD (Overview, Design concepts, and Details) protocol
- Input data for agent-based model, output of de agent-based model runs, aggregated model results
- Description + documentation of scenarios (storylines)
- Description + documentation of policy options
- Logbook, readme.txt

### Specify the type and format of the data.

- Raw: audio files (mp3, mka), output of agent-based model runs (xls, csv), transcribed serious game output (doc, txt)
- Processed: transcribed interviews (doc, txt), aggregated model results (xls, csv), background information case studies (xls, csv), input data for agent-based model (xls, csv)
- Analysed: coded interview data (doc, txt), description + documentation of scenarios (storylines) and description + documentation of policy options (doc, txt)

## **Data storage during the project**

### **What is the volume of the data and where will the data be stored?**

500 GB

### **Is there sufficient storage capacity during the project?**

- Yes

The WUR W-drive has sufficient storage capacity for the project.

### **Will the data be backed-up regularly during the project? Who is responsible for this?**

- Yes

Yes. Data will be stored on the Wageningen University W-drive. This W-drive is automatically backed up, and back-ups are stored in two separate data centres.

### **What are the expected costs? Please specify and state an amount that is as realistic as possible. How will these costs be covered?**

Storage costs are covered as part of the service level agreement between the chair group and the WUR IT department.

## **Archiving of data after the project**

### **Specify in which trusted repository the data will be stored after the project. If the data will not be stored in a trusted repository specify where it will be stored and how its made discoverable?**

The data will be stored at DANS-EASY, of which WUR Library is a front office. The Library will provide

support when preparing and submitting datasets.

Audio files will not be archived in an online repository due to privacy regulations (GDPR) and institutional policy at WUR. The files will be archived on the W: drive and are available for verification.

### **Will a persistent identifier be used to make the data findable?**

- Yes

Yes, the DANS-EASY repository assigns multiple Persistent Identifiers, namely DOI and URN.

### **For how long will the data be archived?**

The data will be stored for at least 10 years after the appearance of the final publication that is based on it.

### **What are the expected costs? Please specify and state an amount that is as realistic as possible. How will the costs be covered**

WUR Library is front office for DANS-EASY. Costs are covered as part of the service level agreement between the chair group and WUR Library.

## **Standards and Metadata**

### **How will the data be documented? What metadata standard will be used to make the data accessible and reusable?**

The research process will be documented via a log. Data level documentation will be provided in an Excel sheet. The data will be documented through README files that contain information about the files in the datasets, the relationships between these files and the layout of the files. The README files will be complemented with separate text files with background information on the methodologies used. The documentation of the dataset follows the principles laid out by Dublin Core, the standard that is used by the DANS-EASY repository.

## **Making data available**

### **Are the data available for reuse after the project?**

**If not, please explain why the data are not suitable and/or available for reuse.**

- Yes

The dataset will be made available after an embargo period of 2 years. The embargo is needed to give enough time to the researchers to publish their results.

Audio files will not be made available due to privacy regulations (GDPR) and institutional policy at WUR. The files will be archived on the W: drive and are available for verification.

**If data are only made available after a certain period then please state the reason for this. If part of the data cannot be made (directly) available then please specify the part concerned.**

The dataset will be made available after an embargo period of 2 years. The embargo is needed to give enough time to the researchers to publish their results.

Audio files will not be made available due to privacy regulations (GDPR) and institutional policy at WUR. The files will be archived on the W: drive and are available for verification.

**Are there any restrictions/conditions for the reuse of the data? If so, are these conditions specified in a consortium agreement?**

- Yes

Reuse is subject to CC-by. Model specifications will become available through restricted access.