Plan Overview

A Data Management Plan created using DMPonline

Title: Governing synergies and trade-offs with SDG2 in Kenya: a local to global study of climate-smart livestock in Kenya

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Project abstract:
The sustainable development Goals (SDGs) are a call to end poverty, protect the earth's environment, and ensure that people everywhere can enjoy peace and prosperity. The 17 goals with 169 targets interact and result in combinations of trade-offs and synergies. While framed globally, achieving the goals or not is the cumulative result of actions taken from the local to the global level by various stakeholders. These are encouraged to work together in the SDG framework to realize the 2030 agenda. However, the practicalities of working together with stakeholders from different institutional origins commanding diverse sources of power have not received enough attention. This research contributes to understanding the role of power in collaborations among stakeholders from public and private sectors in the Kenyan dairy sector, by answering the research question; what is the role of power in collaborations among public and private stakeholders in the dairy sector and its impacts on SDG interactions? It will begin with an intersectional analysis of the interactions between the goals to understand how these translate into the lives of dairy producers. Subsequently, an assessment of collaboration or non-collaboration among civil societies, governmental and business stakeholders as well as donors and recipients, and the impacts this has on the interactions of the goals. Finally, the work will assess how direct and indirect power strategies influence these processes of collaboration to establish ways in which the different power sources and strategies could be leveraged to address trade-offs and build synergies for inclusive and effective SDG implementation.

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Governing synergies and trade-offs with SDG2 in Kenya: a local to global study of climate-smart livestock in Kenya

General Information

Name applicant and project number

Prof.dr.A.R.P.J. (Art) Dewulf

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

Question not answered.

1. What data will be collected or produced, and what existing data will be re-used?

1.1 Will you re-use existing data for this research?

If yes: explain which existing data you will re-use and under which terms of use.

- No

Apart from evidence generated from literature review, no secondary data will be used for this research.

1.2 If new data will be produced: describe the data you expect your research will generate and the format and volumes to be collected or produced.

Audio recordings in MP3 format
Textual (Field notes and transcripts of the audio files) in Ms word (.doc)
Images (field photographs) in JPEG

1.3. How much data storage will your project require in total?

- 100 – 1000 GB

2. What metadata and documentation will accompany the data?

2.1 Indicate what documentation will accompany the data.

A research protocol indicating the theoretical framework, data sources, a code book and analysis processes will be provided.

2.2 Indicate which metadata will be provided to help others identify and discover the data.

A README text file will be created, containing information about the title of the dataset, author's information, date of data collection, location of the data collection areas, methods used for data collection, methods for processing the data, analytical tools/software used to clean, organize, code, analyze and interpret the data and list of variables. In addition, each folder with types of data will have a document added with information about what data are being stored in the folder.

3. How will data and metadata be stored and backed up during the research?

3.1 Describe where the data and metadata will be stored and backed up during the project.

- Institution networked research storage

3.2 How will data security and protection of sensitive data be taken care of during the research?

- Additional security measures (please specify)

Personal data will be collected to allow for an intersectional analysis to be made. This information will be stored in folders with password protection. It will be backed up on the drive provided by the University. For use by other members in the project, only name redacted files will be shared.

4. How will you handle issues regarding the processing of personal information and intellectual property rights and ownership?

4.1 Will you process and/or store personal data during your project?

If yes, how will compliance with legislation and (institutional) regulation on personal data

be ensured?

- Yes

All personal information collected will be anonymized to ensure confidentiality as relayed to the respondents through the informed consent.

4.2 How will ownership of the data and intellectual property rights to the data be managed?

The data will be co-owned by the PhD candidate, Wageningen university and the project funder (NWO).

5. How and when will data be shared and preserved for the long term?

5.1 How will data be selected for long-term preservation?

- All data resulting from the project will be preserved for at least 10 years

5.2 Are there any (legal, IP, privacy related, security related) reasons to restrict access to the data once made publicly available, to limit which data will be made publicly available, or to not make part of the data publicly available?

If yes, please explain.

- Yes

All personal information relating to the research respondents will be removed before the data is made publicly available. This includes any audios, names, and phone numbers as these may be used to identify a respondent. However detailed transcripts will be available for use.

5.3 What data will be made available for re-use?

- All data resulting from the project will be made available

All data resulting from the project will be made available with the exception of sensitive information named in 5.2 above.

5.4 When will the data be available for re-use, and for how long will the data be available?

- Data available as soon as article is published

5.5 In which repository will the data be archived and made available for re-use, and under which license?

The DANS-EASY repository will be used (with a creative common license). The WUR Library provides support with depositing data into DANS-EASY and covers all the related costs.

5.6 Describe your strategy for publishing the analysis software that will be generated in this project.

The data will be analyzed on the Nvivo software. A code book will be provided, transcripts uploaded and made available upon completion of the project.

6. Data management costs

6.1 What resources (for example financial and time) will be dedicated to data management and ensuring that data will be FAIR (Findable, Accessible, Interoperable, Re-usable)?

During data collection and analysis, substantial time will be dedicated to ensuring the data is in a comprehensive format so that data sharing will be easier. This will also ease the research process, thereby increasing efficiency within this project and follow up of projects. Research results and underlying data will be published and made open.