In this document you can provide detailed information to the samples and data you provide that is not covered by the remaining templates. In particular, description of sites, treatments, the project during which the samples and data were collected, experimental design and conduction of experiments, methods to collect, transport, store, process and measure the samples and methods to process data, acknowledgements and funding, a license for the data. Use the template sections below. You can add new ones if necessary.

# Introduction

Please give a short introduction to the data and project here

* Research questions
* Planned experiments
* Planned measurements
* Expected outcomes
* Expected limitations
* ...

# Site(s)

* Topography
* Climate conditions
* Vegetation
* Human disturbances
* Distance to next city
* …

# Experimental design

In case the samples/data are from an experiment, provide a detailed description of the experimental design and how samples relate to different experimental units (e.g. how sample labels can be related to experimental units).

* Experimental design
* Number of replicates
* Treatments
* Start, end of the experiment
* Sampling/measurmeent campaigns (dates, treatments).
* What processes were controlled during the experiment, how were factors cntrolled (instruments used, ...).
* ...

# Sample collection

* Exact description of the sampling location (vegetation, moisture conditions, microsite, disturbances)
* Tools used for sampling (corer, core cutting device, packaging material)
* Disturbances during sampling (compression, …).
* …

# Sample processing

* How were samples stored before preprocessing? (duration, temperature, …)
* How were samples dried (temperature, duration, device), milled (device, special procedure), stored, …
* ...

# Sample measurements

For each measurement (e.g. MIR/FTIR/ATR measurements, element content, radiocarbon dating, …)

* How were samples treated prior to measurements?
* Were standard protocols used (plus references)?
* Details on device and software settings that influence the results
* …

# Data processing

For each measured variable (e.g. MIR/FTIR/ATR spectra, N content, …)

* How were measurement data preprocessed (software, settings, workflows, …).
* Were there any artifacts/problems with the data?
* …

# Acknowledgements

How was the study funded (with grant organizations and numbers). Which persons/organizations should be acknowledged?

# Terms of Use

Under which conditions can the samples and/or data be used? You should specify a license here, e.g. a creative commons license (<https://creativecommons.org/licenses/>). In addition or alternatively, you can describe verbally under which conditions samples and/or data can be used by others.

Examples:

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2. Data are licensed under the CC BY 4.0 license. Please contact ... if you plan to use the data to ask if ... wants to get involved as co-author in the project in which you plan to use the data. Please cite the data as: ENTER CITING STATEMENT HERE.

# References

Give two lists of references:

1. What publications were published using the data?
2. What publications did you cite in this document?