

**Project Metadata Form**

When contributing data to ReSurveyEurope, please fill in this form for each resurvey project and send it to Ilona Knollová ([ikuzel@sci.muni.cz](mailto:ikuzel@sci.muni.cz)) together with the database. A resurvey project is understood as repeated sampling of a certain type of vegetation in a certain study area using specific methods.

- PROJECT NAME (identical with the Resurvey Project name given in the database):

Dengler\_CH\_Martisberg

- FULL PROJECT NAME (use if the full project name is longer than used in the database):

Effects of irrigation on semi-dry grasslands in Martisberg (VS), Switzerland

- REFERENCE (publication or URL or DOI of the dataset if published online):

Schindler, M. (2021) Auswirkung der Beregnung auf die Trockenvegetation der Geeinde Bettmeralp (VS). Bachelor thesis in Environmental Engineering, Zurich University of Applied Sciences, Wädenswil, Switzerland.

- DATA OWNER: person(s), institution(s):

Meret Schindler, Switzerland  
 Jürgen Dengler, ZHAW, Switzerland

- CONTACT E-MAIL:

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- METHODS (description of sampling design and methods):

12 plots of 25 m<sup>2</sup> in mesoxeric grasslands with up to 8 repetitions  
 Details, see spreadsheet "Readme" in the provided Excel file

- ENVIRONMENTAL DATA (list of environmental data measured):

In-situ recorded data only for 2021:

Aspect (°)	
Inclination (°)	
Max. microrelief (cm)	
Mean soil depth (cm)	
Mean vegetation height (disc) (cm)	
Max. vegetation height (cm)	
Total vegetation cover (%)	
Herb layer cover (%)	

- MANIPULATED PLOTS (description of the treatment if the plots were manipulated, e.g. mowing twice a year, fertilizing by NPK once a year, post-fire succession)

Plots were established to monitor potential vegetation changes after installation of a modern irrigation system in semi-dry grasslands. But for most of the plots the irrigation system was only partially used over the time...  
All plots are grazed or mown semi-natural grasslands

Wädenswil, 22 June 2022

Jürgen Dengler