

ReSurveyEurope

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) 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):

Spontaneous succession at the Sokolov post-mining sites

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

Spontaneous succession at the Sokolov post-mining sites

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

Mudrak, O., Dolezal, J., & Frouz, J. (2016). Initial species composition predicts the progress in the spontaneous succession on post-mining sites. *Ecological Engineering*, 95, 665–670.

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

Ondrej Mudrak, Institute of Botany CAS
Jan Frouz, Charles University

- CONTACT E-MAIL:

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- METHODS (description of sampling design and methods):

Observation of five localities at post-mining sites of the Sokolov brown coal mining region. Those localities are spoil heaps formed by coal overburden, and were heaped in the year 2003, 1995, 1990, 1987, and 1965. At each locality ten permanent plots of 5 m x 5 m were fixed. Cover of vascular plant species was visually estimated by the data owner annually 2007-2021. Values are in percentage scale.

- ENVIRONMENTAL DATA (list of environmental data measured):

No additional environmental data are part of this dataset, but on the same localities various soil properties, soil fauna communities, and other parameters were sampled during shorter term studies.

- 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)

No manipulation treatments

[Třeboň, Czech Republic, 24. 2. 2022]

[Ondřej Mudrák]