



# European Vegetation Archive Data Request Form



To obtain data from the European Vegetation Archive (EVA), including the ReSurveyEurope Database, please first enquire the EVA database administrator Ilona Knollová (ikuzel@sci.muni.cz) whether the data that meet your needs are available. If they are, please fill in the form below and submit it to Ilona or another member of the EVA Coordinating Board (or ReSurveyEurope Board if you ask for data from the ReSurveyEurope Database).

- Applicant's name:

Marco Fioratti

- Applicant's institutional address:

Agroscope

- Applicant's e-mail:

Marco.fioratti@agroscope.admin.ch

- Project title:

EESE

- Are you asking for core EVA data (non-repeated vegetation surveys) or for ReSurveyEurope data (repeated vegetation surveys)?

Both could be relevant

- Brief description of the aims and methods of the study:

EESE is an EFSA project finalised at the generation of modelling scenarios for Environmental Risk Assessments of Plant Protection Products. The original call for the EESE project is available [here](#). The Agroscope team is responsible for points 2.1, 2.2, 2.6 and 2.8, with point 2.1 being the most relevant to the current data request. This involves a carrying out a systematic review of terrestrial communities in agricultural landscapes within the EU. This will be underpinned by a combined database synthesising georeferenced observations, with associated land-use metadata, of all taxa under scrutiny.

Deliverable 2.3 of the EESE project, whose primary responsibility lies with another partner of the consortium, includes undertaking vegetation surveys in a selection of plots across the continent. The decision of the level of publicity this dataset will be given is for EFSA to be taken, but we can confirm Agroscope to make the data accessible, with EVA being an ideal outlet.

- Will someone else be involved in data editing or analysis in addition to the applicant?

Not in the systematic review phase. Other project partners of EESE will be involved in the scenario modelling phase.

- Estimated time of delivery of results (e.g., manuscript submission):

The project is scheduled to be completed in 2028.



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- Geographic area needed (e.g., countries or range of geographic coordinates):

All members of the EU plus Switzerland

- Do you need plots to be georeferenced? If so, what is the minimum accuracy of plot location (in metres or kilometres) needed for your project?

Georeferencing is necessary. As accurate as feasible.

- Vegetation types needed (syntaxa):

Vegetation occurring on Vegetated man-made habitats (EUNIS codes V11, V121, V13, V14, V15, V4, V5, V61, V62, V63)

- Other data selection criteria:

- Envisaged publications:

This internal deliverable is the only output whose production is mandated by the tender. The production of other, peer-reviewed, forms of data synthesis, again not involving the release of the combined database and acknowledging database owners, are potentially envisaged, but there is no agenda for the time being.

- **Data deposition.** Some journals require data used for the analysis to be stored in a public repository to ensure the repeatability of the analysis. According to EVA Rules, you are not allowed to store the original vegetation-plot data obtained from EVA. However, if you plan to publish in such a journal, you may deposit a reduced EVA-derived dataset that (1) would make it possible to repeat the analysis published in the paper and (2) does not contain any information not used in the analysis. For example, such a dataset can contain only a subset of species (e.g., only angiosperms or only neophytes), or replace species names with codes, or replace species cover values with presences/absences, or remove all the header data, or replace the exact plot coordinates by coarse grid-cell coordinates etc. If you plan to deposit reduced information from vegetation plots, please describe here what might be deposited. If the project developed so that you needed to deposit more information than specified here, you would need to ask specific permission from the Custodians of the EVA databases used in your analysis before the dataset is deposited.

The combined dataset that constitutes the internal deliverable for EFSA will comprise of both open-source data and data with stricter disclosure agreements. For this reason, the combined dataset, in its entirety, will not be released and will be used only internally, for modelling purposes, in collaboration with other partners of the consortium.

- **Plant trait data from the TRY consortium.** If you plan to combine your analysis of vegetation-plot data with plant trait data, you can also request a dataset of 18 gap-filled traits for a large number of plant taxa prepared by the TRY consortium. These traits include Leaf area, Specific leaf area, Leaf fresh mass, Leaf dry matter content, Leaf C, Leaf N, Leaf P, Leaf N per area, Leaf N:P ratio, Leaf delta15N, Seed mass, Seed length, Seed number per reproductive unit, Dispersal unit length, Plant height, Stem specific density, Stem conduit density, and Conduit element length. This dataset can be provided to you by the EVA manager together with the vegetation-plot data. If you use this dataset, you must inform about your project the TRY data contributors who might be potentially interested and invite them as potential co-authors, assuming they will make an intellectual contribution to your paper. The list of the TRY data contributors will be sent to you together with the gap-filled trait dataset.



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- Specification of the co-authorship arrangements in publications based on the requested data. Note that the EVA Rules recommend that co-authorship is offered to a representative of each database providing data that are particularly important for the project (e.g., a relatively large proportion of the final dataset used in the analyses or data from unique vegetation types or under-represented geographic areas). This database representative should be an expert in the topic of the project (not necessarily the custodian or deputy custodian), and this person should contribute to the project more than just by providing the existing data, e.g. by intellectual contribution to the concept of the paper, preparation of new data, or helping with data analysis, interpretation of the results or writing parts of the paper (see the IAVS Code of Professional Ethics: [https://www.iavs.org/page/governance\\_code-of-professional-ethics](https://www.iavs.org/page/governance_code-of-professional-ethics)). The project leader should enable active participation by regularly informing potential co-authors about the progress of the project from its early stage. The project leader should also make final co-authorship arrangements based on the real input of the individual contributors.

The combined, assembled database of observations and traits (including, if the permission will be granted, EVA data), will be used to generate modelling scenarios of exposure for Environmental Risk Assessments. The final output will not contain direct links to individual georeferenced observations part of the constituent databases. Data providers will be acknowledged but not given co-authorship, as the final database will be composed of potentially hundreds of different contributing databases.

- Eligibility of the applicant to receive EVA or ReSurveyEurope data. Specify to which EVA or ReSurveyEurope database the applicant has contributed; if the applicant is not the custodian or deputy custodian of an EVA or ReSurveyEurope database, give a name of a custodian or deputy custodian who supports this data request.

Stephan Hennekens

- I agree with the terms of EVA Data Property and Governance Rules as approved on 26 May 2012 (<http://euroveg.org/download/eva-rules.pdf>).
- If I ask for ReSurveyEurope data, I agree with the terms of ReSurveyEurope Data Property and Governance Rules as approved on 6 April 2022 (<http://euroveg.org/download/resurveyeurope-rules.pdf>).
- In any result obtained based on EVA core data (non-repeated vegetation surveys), I will cite the EVA report article (Chytrý et al. 2016; <https://doi.org/10.1111/avsc.12191>). In any result obtained based on the ReSurveyEurope data (repeated vegetation surveys), I will cite the ReSurveyEurope report article as soon as it is published. In addition, I will cite individual source databases used in my project (if possible, in the list of References; if not possible, at least as a list of databases in the electronic supplementary material).
- If I ask for the plant trait data from TRY, I agree to invite to my project the TRY data contributors following the list received from the EVA database manager.

Zurich, 4<sup>th</sup> of February 2025

Marco Fioratti



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