



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:

Hans Henrik Bruun

- Applicant's institutional address:

University of Copenhagen, Department of Biology

- Applicant's e-mail:

hhbruun@bio.ku.dk

- Project title:

Causal Conservation Analytics

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

Only ReSurveyEurope

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

To assess whether protected area status and strength of protection (in Europe) effectively improve ecosystem integrity, both integrity of ecological processes and the biota. It will be based on remote-sensing metrics, which should be ground-truthed as much as possible with in-situ data on biodiversity change. We intend to use data from ReSurveyEurope for this ground-truthing. Optimally, we get access to data on plant community change from a wide range of land cover types and land-use intensities, inside and outside Natura 2000 sites (and other protected areas). The hypothesis is that the development in ecosystem integrity varies with protected area status and strength of protection.

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

Andreas Krogh Norrild (same department of the applicant), Martin Rudbeck Jepsen and Scott Ford (University of Copenhagen, Dept of Geoscience and Natural Resource Management, experts on remote sensing), Helle Tegner Anker (University of Copenhagen, Dept Food and Resource Economics, expert on environmental law), Steen Ethelberg (University of Copenhagen, Dept of Public Health, expert on longitudinal modelling).

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

The project runs to Mar 30, 2028



European Vegetation Archive

Data Request Form



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

European Union and other Council of Europe members

- 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?

Yes, the coordinate accuracy needs to be sufficient to locate plots in relation to protected areas and geospatial data

- Vegetation types needed (syntaxa):

All. In principle, the more vegetation types and also biogeographic regions, the better.

- Other data selection criteria:

We will exclude plots in which plant community composition has been directly manipulated through assisted migration or removal/control of particular species.
No further selection criteria upfront (at a later stage we might exclude plots with too inaccurate geographical location and manipulated plots, unless treatments represent typical land management actions)

- Envisaged publications:

We plan one publication using data from ReSurveyEurope to ground-truth remote sensing data as proxies for ecosystem integrity

- **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.

We accept the terms. Depending on the journal, we might need to deposit reduced data, which may include species richness, mean indicator values and similar, but not the primary data, such as species composition of the plots or header data not used in the analyses.

- **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



European Vegetation Archive Data Request Form



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.

No

- 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). 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.

As a standard, we offer co-authorship to one representative of each ResurveyEurope database that contributes at least 1% of the data in the final dataset. According to the IAVS Code of Ethics, co-authorship beyond data provision requires also active involvement in data analysis, manuscript writing and/or manuscript revision. Representatives of ResurveyEurope databases that contribute less than 1% of the overall data, but who have a personal interest in the topic and skills they would like to contribute, are invited opt-in. We will decide on their inclusion on a case-by-case basis.

- 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.

Alessandro Chiarucci

- 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.



European Vegetation Archive Data Request Form



Copenhagen, 20/08/2026

Hans Henrik Bruun