



Data Request Form

To obtain data from the European Vegetation Archive (EVA), please first make an enquiry to the EVA database administrator Ilona Knollová (ikuzel@sci.muni.cz) whether the data meeting 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.

- Applicant's name:

Wieger Wamelink

- Applicant's institutional address:

P.O. box 47, 6700 AA Wageningen, The Netherlands

- Applicant's e-mail:

Wieger.wamelink@wur.nl

- Project title:

Estimating response functions for plant species and vegetation types for nitrogen deposition, climate and soil parameters on a European scale

- Brief description of aims and methods of the study:

- For our research we would like to use data from the EVA database. We are especially interested in xy coordinates, year the relevé was made, species composition and coverage of the species in the relevé and if available species classification preferably as associations. We are going to apply the data to relate nitrogen deposition and climate parameters (e.g. annual temperature and precipitation) with the occurrence of species and vegetation types on a European and Dutch scale. This will be both in the form of rather simple indication values ecological ranges for species and vegetation types as well as in the form of a European regression model that predicts the occurrence of species.
- All results per species and vegetation will be made available for the scientific community for free and the model will be available on request for all participants in the EVA project.

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

The project will be carried out in corporation with Stephan Hennekens from Wageningen Environmental Research.

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

Within 4 years several papers will be published

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

Europe

- 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?



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Geo-referencing is needed, minimal in kilometres

- Vegetation types needed (syntaxa):

yes

- Other data selection criteria:

Xy coordinates, year, species composition, typical species

- Envisaged publications:

Description of the model PROPS (probability of the occurrence of plants species) (article)
Species responses for temperature for Europe (article)
Dosis response curves for habitat types for nitrogen deposition (report and article)

- 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 for 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 from 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.

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. unique vegetation types, under-represented geographic areas) or make up more than 10% of the final dataset (5% threshold can be considered too). These database representatives should be experts in the topic of the project (they do not need to be the custodians or deputy custodians) and they 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: <http://iavs.org/Governance/Code-of-Professional-Ethics.aspx>). 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.

Co-authorship is offered if a contribution is made to the paper or when a substantial part of the data used (>10%) for the research.

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

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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 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.

[place, date] Wageningen, 19-11-2018

[applicant's name] Wieger Wamelink