



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 Milan Chytrý (chytry@sci.muni.cz) or another member of the EVA Coordinating Board.

- Applicant's name:

Aafke Schipper

- Applicant's institutional address:

PBL Netherlands Environmental Assessment Agency
PO Box 303, 3720 AH, Bilthoven, The Netherlands

- Applicant's e-mail:

Aafke.Schipper@pbl.nl

- Project title:

Accounting for biotic interactions in large-scale species distribution models

- Brief description of aims and methods of the study:

Species distribution models (SDMs) constitute a common approach in biodiversity modelling. However, SDMs typically ignore biotic interactions, which may significantly modify species distributions. In this project, we aim to establish and test a procedure to account for biotic interactions in large-scale species distribution models. We plan to establish an interacting species distribution modelling (iSDM) approach consisting of multiple simultaneous equations that relate the occurrence probability of each species to a set of environmental characteristics as well as the occurrence probability of other species. Using monitoring data from EVA would provide a unique opportunity to develop and test our approach on a large-scale dataset with excellent taxonomic coverage.

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

In this project, four partners are involved:

- Radboud University, Nijmegen (prof. dr. Mark Huijbregts)
- PBL Netherlands Environmental Assessment Agency (dr. Aafke Schipper, prof. dr. Mark Huijbregts)
- Netherlands e-Science Centre, Amsterdam (dr. Daniela Remenska)
- Alterra Wageningen UR (Stephan Hennekens, dr. Wim Ozinga)

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

December 2017

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

All georeferenced plots located in Europe



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- Vegetation types needed (syntaxa):

Grasslands

- Other data selection criteria:

Georeferenced plots

- Envisaged publications:

Accounting for biotic interactions in large-scale species distribution models: a case study on plant species in European grasslands

- Specification of the co-authorship arrangements in publications based on the requested data (e.g. the extent of possible involvement of the original data providers, or of EVA data managers if extra work for this project is needed from them):

We will inform all contributors about the progress of the project (prior to the start of the paper). We will invite database custodians who contribute more than 5% of the data of the final selection to become co-author.

- Data requests by applicants who are not custodians or deputy custodians of the EVA databases must be approved by one of the EVA database custodians. Such requests should be submitted either by the custodian or by the applicant with CC to the custodian. If you are not a custodian, please indicate the name of the custodian who has approved your data request here:

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>).

Bilthoven, 24 March 2016

Aafke Schipper