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:
  Fabio Attorre
- Applicant's institutional address:
  Sapienza University of Rome
- Applicant's e-mail:
  Fabio.attorre@uniroma1.it
- Project title:
  Model-based classification of Mediterranean evergreen forests
- Brief description of aims and methods of the study:

  The aim of the project is to provide a classification of European Mediterranean broadleaf evergreen forests based on a vegetation plots dataset across Europe. A model-based classification approach will be used to identify and map forest types. Ordination methods will support the interpretation of results that will be used for developing formal definition and expert system for these forest types.
- Will someone else be involved in data editing or analysis in addition to the applicant?

  Data analysis, interpretation and paper writing will be done by Vito Emanuele Cambria, a PhD student at the University of Padua, working under supervision of Fabio Attorre. Further, some members of the EVA Database Management Team or EVA Coordinating Board may be involved in the analysis if needed. Confidentiality in data use will be guaranteed.
- Estimated time of delivery of results (e.g. manuscript submission):
  December 2019 or earlier
- Geographic area needed (e.g. countries or range of geographic coordinates):
  All the European countries of the Mediterranean basin.
- 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, minimum accuracy is 1 Km to be consistent with the resolution of environmental data
- Vegetation types needed (syntaxa):

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All plots belonging to the Quercetalia ilicis order

- Other data selection criteria:

Plots with *Quercus suber, Quercus ilex, Quercus faginea, Quercus rotundifolia, Quercus coccifera* with a cover more than 20%

- Envisaged publications:

1-3 papers in international journals. These papers (either published, submitted or manuscripts) will become parts of the PhD thesis of Vito Emanuele Cambria

- 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.

Vito Emanuele Cambria, with contributions from Fabio Attorre, will be the lead author of the planned publications. We will inform the data providers when a major steps in data analyses or paper preparation are achieved. Co-authorship will be offered to a representative of each database that will be represented by at least 5% of vegetation plots included in the final analysis or fewer for databases that provided particularly important data from vegetation types or regions with general lack of data. Further, persons with significant contribution to data analysis or providers or analysts of other data may be invited as co-authors. Following the EVA Rules and established practices, we expect co-authorship to be associated with intellectual contribution to the paper, not merely with data provision. In particular, we would like to ask the potential co-authors to help us with filling the regional gaps in the datasets and to provide regional knowledge to the interpretations of vegetation patterns obtained from the continental-scale analyses.

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- 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.

  Sapienza vegetation database

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).

Rome, 03.10.2018

Fabio Attorre