

EVOLTREE
EVOLution of TREES as drivers of terrestrial biodiversity

Upload

- EcoGene
- ForGEM
- MetaPop
- TranspopRege
- VentouG

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Upload - EcoGene

- Scenario file
- Data input file
- Mortality file
- Growth file
- Etc.

Main functionalities

1. **Data upload:** data files (EcoGene, MetaPop, TranspopRege and VentouG) or database connection (ForGEM).
2. **Data download:** download of data in the same format as the source or data conversions between models.
3. **Data consultation:** GUIs dedicated to the consultation of the data available.

Upload

1. **Selection of the source model**

User right restrictions: the data upload in specific models is restricted to the corresponding model users *i.e.* only members of a model are allowed to upload data linked to their model (e.g. Jutta and Bernd are the identified users allowed to upload data for EcoGene).

Upload data of a specific model

According to the selected model, a specific GUI permits to upload the different kinds of data e.g. for EcoGene, several input files are relative to a simulation.

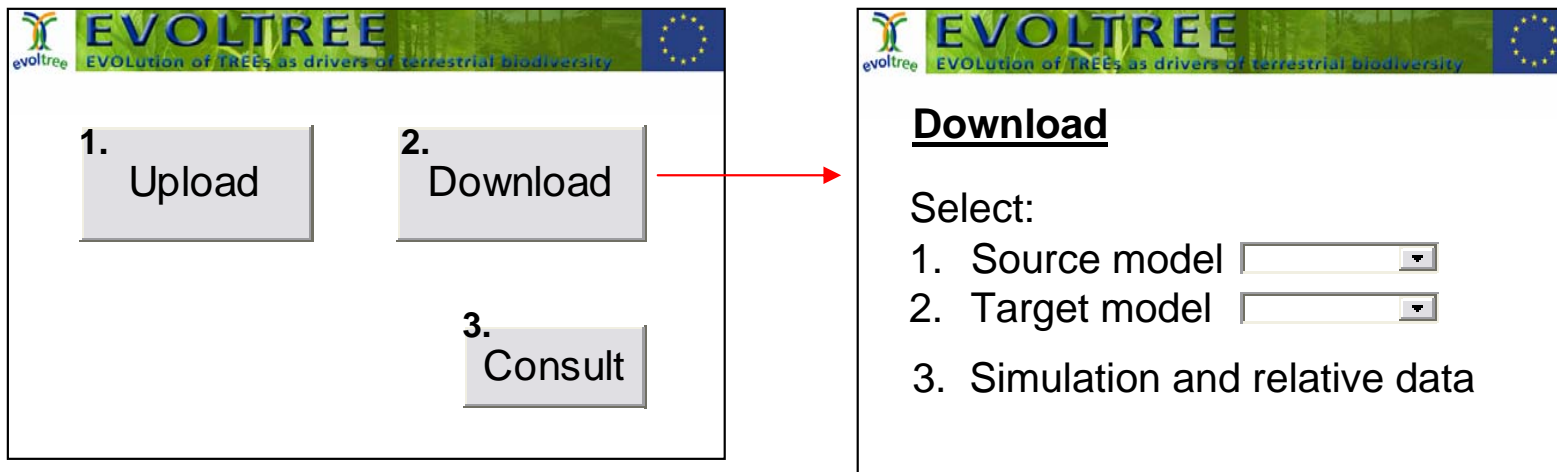
The goal is to upload a simulation *i.e.* all required data to initialize a simulation. The simulation data can be uploaded at a glance or, given the case, uploaded in several time (file after file).

Download

1. Selection of the source model
2. Selection of the target model
3. Selection of the simulation to download e.g. selection of a “scenario” file in EcoGene which contains the parameters settings and the link to other required data (stored in several files).

In case the target model corresponds to the source one, the data upload is equivalent to the regeneration of data files. Otherwise, a data conversion and matching are required to produce the data at the right format with the corresponding data.

This “download” functionality is available for any members of the Modelling Platform as the data are shared.



Consult

The main functionalities of the GUI are to upload and download data. However, GUI allowing the consultation will be useful to be inform on what is available in the database e.g. which simulations done with which model, etc.

Selection on data file names should be the minimum. For ForGEM, pertinent selections have to be developed.