
Tree Box Model

Release 0.3

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DESCRIPTION OF THE MODELLED SYSTEM

Modelled system is a tree

INSTRUCTIONS TO RUN THE MODEL

There are two options to run the model

2.1 Running from main.py

2.2 Importing src.model

INSTALLATION

```
>>> git clone git@github.com:LukeEcomod/TreeBoxModel.git
```

or

download the source <https://github.com/LukeEcomod/TreeBoxModel>

QUICK START

run main.py

```
>>> python main.py
```


MODULES & FUNCTIONS

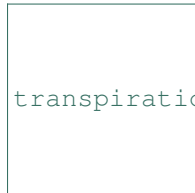
5.1 main.py

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synopsis This is the main program to run the model

The purpose of this main file is to provide an easy way to run the model. All the model parameters are set in the file and are taken from [Hölttä et. al. 2006](#) or [Nikinmaa et. al., \(2014\)](#).

A sine-like behaviour is assumed for the transpiration and photosynthesis



transpiration_rate.png

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