From Stathab

Preamble

Using Stathab in HABBY.

Prerequisites

- Install HABBY.
- Download and extract input files for Stathab:
  - tuto_stathab_example_data.zip
- A spreadsheet program, such as LibreOffice Calc or Excel (for viewing TXT exports).

Step by step

Create a new project

- Launch the software.
- Go to menu <hi #47B5E6>**Project - New**</hi>.

This opens the <hi #9BFFFF>**HABBY - New Project**</hi> window.

- If necessary, change the <hi #9BFFFF>**Project directory:**</hi>, by clicking ...
- Fill in <hi #9BFFFF>**Project name:**</hi>: '*Tuto_Stathab*'.
- Choose in <hi #9BFFFF>**Project type:**</hi>: '*Statistic*'.
- Click on <hi #47B5E6>**[Create a project]**</hi>.

The project is then created and gives you access to new tabs.

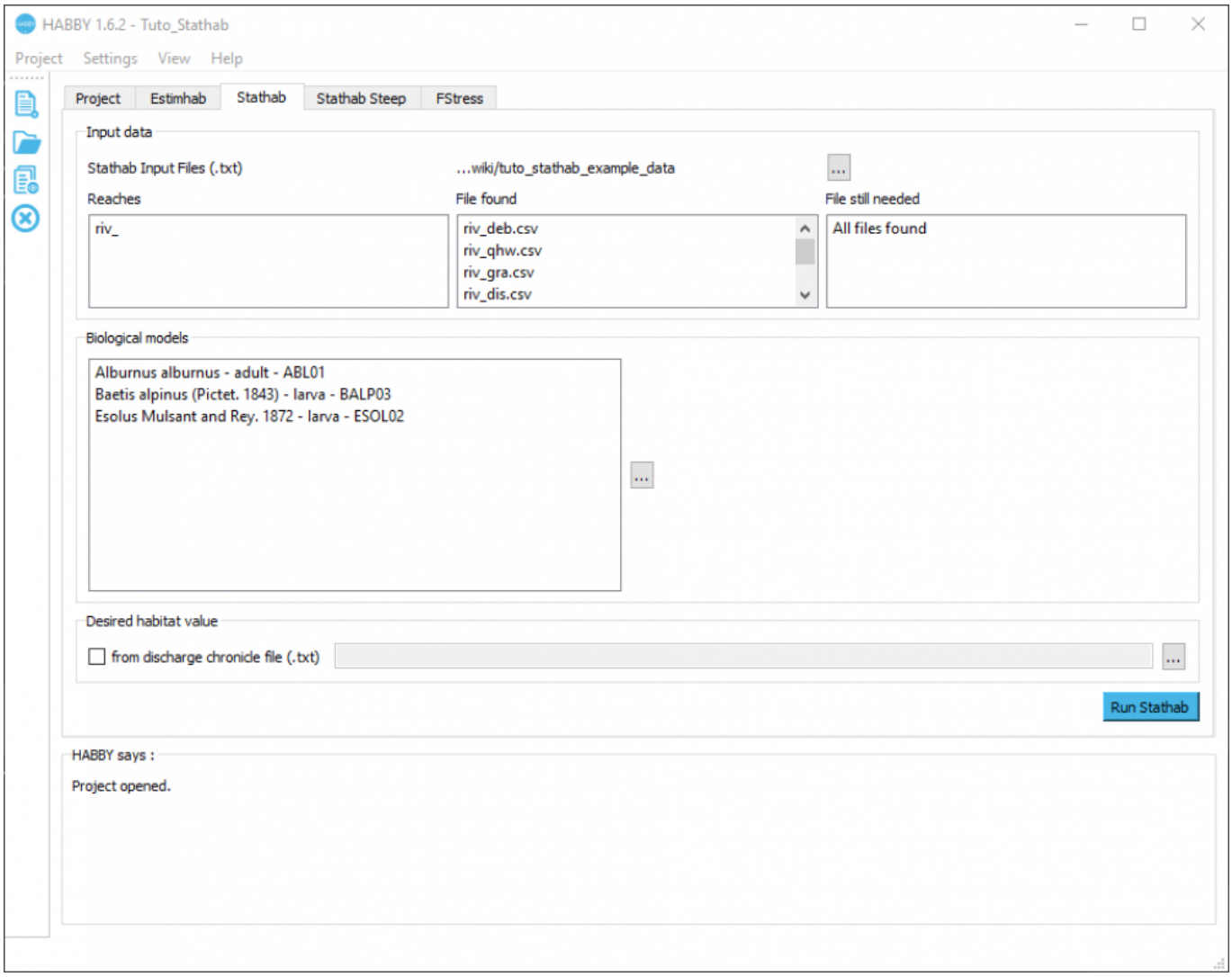
*Guide utilisateur : Création de projet

Using the Stathab tab

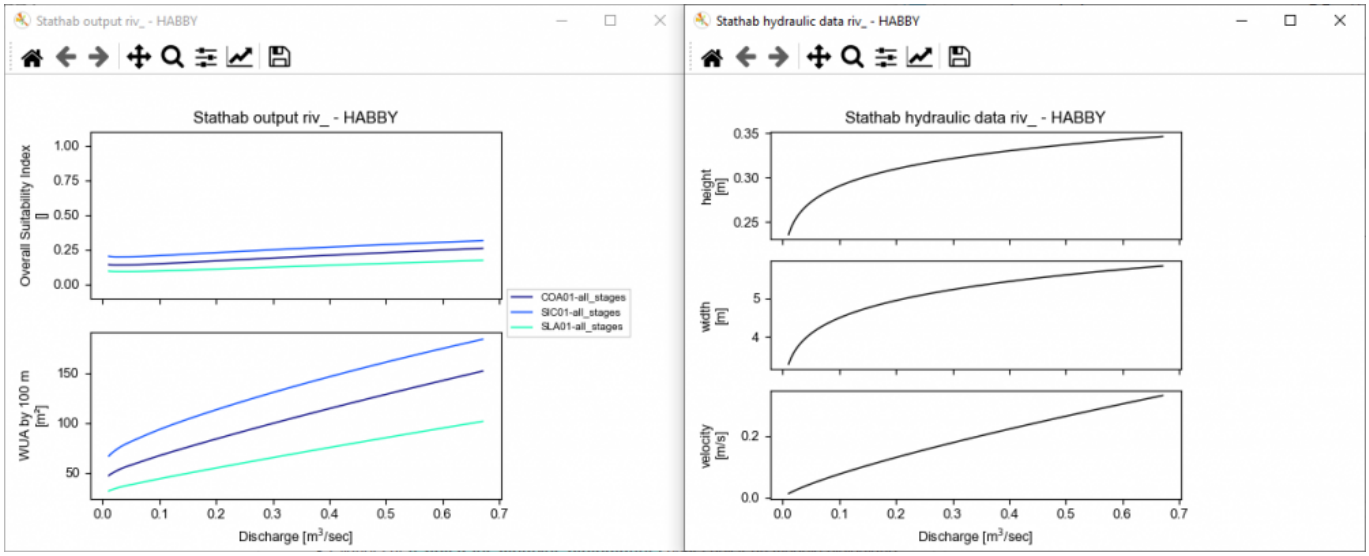
- Click on the <hi #9BFFFF>**Stathab**</hi> tab.
- Click on the <hi #9BFFFF>**[...]**</hi> button to select the directory containing the input files.
- In the selection window, choose the 'tuto_stathab_example_data\input_stathab' directory.
- Click on the <hi #9BFFFF>**[Select a folder]**</hi> button.
  - The list of <hi #9BFFFF>**Rivers**</hi>, <hi #9BFFFF>**File found**</hi> and <hi #9BFFFF>**Files not found**</hi>, is then displayed.
  - If the directory is valid, <hi #9BFFFF>**All files found**</hi> should be displayed in the <hi #9BFFFF>**Files not found**</hi> list.
- In the 'biological model' group, click on <hi #9BFFFF>**[...]**</hi> to choose a biological model using the <hi #9BFFFF>**Biological model explorer**</hi>.

*Guide utilisateur : Explorateur de modèle biologique.

- Once you've added the biological model to the list on the <hi #9BFFFF>**Stathab**</hi> tab, click on the <hi #9BFFFF>**[Launch Stathab]**</hi> button.



- The calculation is performed:
  - Interactive figures are then opened



- These same figures are produced as image files in the “Tuto_Stathaboutput\figures” directory, accessible via the button in the main window's quick menu.
- Result .txt files produced in the “Tuto_Stathab\output\text” directory, accessible via the button in the main window's quick menu.

Using older Stathab biological models

Biological models from older versions of Stathab are available from this

link

. These are to be added to the HABBY software in the directory of user biological models. Please refer to the reference manual, section Add additional models.

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https://habby.wiki.inrae.fr/ - **HABBY**

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