From Stathab

Using Stathab in HABBY.

Prerequisites

- Install HABBY.
- Download and extract input files for Stathab:
 - o 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 #9BFFF>[...]</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 #9BFFF>[Select a folder]</hi> button.
 - The list of <hi #9BFFF>**Rivers**</hi>, <hi #9BFFF>**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 #9BFFF>**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 #9BFFF>**[Launch Stathab]**</hi> button.

Project Estimhab Stathab St	athab Steep FStress		
Input data Stathab Input Files (.txt) Reaches riv_	wiki/tuto_stathab_example_data File found riv_deb.csv riv_qhw.csv riv_gra.csv riv_gra.csv riv_dis.csv	File still needed	
Biological models			
Alburnus alburnus - adult - ABL01 Baetis alpinus (Pictet. 1843) - Iarva Esolus Mulsant and Rey. 1872 - Iarv	BALP03 a - ESOL02		
Desired habitat value			
from discharge chronicle file (.txt)			
		Run St	atha
HABBY says : Project opened.			

- 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.

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

Permanent link: https://habby.wiki.inrae.fr/doku.php?id=en:tutorials:stathab



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