



## Preface

EstuaryDB is a Matlab<sup>TM</sup> App to ...

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## Requirements

The model is written in Matlab<sup>TM</sup> and provided as Open Source code (issued under a GNU General Public License) and runs under v2016b or later. EstuaryDB uses the muitoolbox and dstoolbox.

## Resources

The EstuaryDB App and two toolboxes (muitoolbox and dstoolbox) can be downloaded from [www.coastalsea.uk](http://www.coastalsea.uk).

*Cite as:*

Townend, I.H., 2021, EstuaryDB manual, CoastalSEA, UK, pp9, [www.coastalsea.uk](http://www.coastalsea.uk).

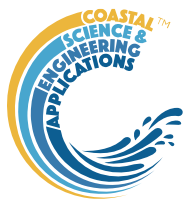
## Bibliography

## Acknowledgements



## Revision history

Version	Date	Changes
1.0		



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## 1 Introduction

EstuaryDB App ...

## 2 Getting started

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### 2.1 Model Set-up

*File>New* to create a new project space.

*Setup>Input Data>Model Data*

The UI requests data for the model variables. Once added the current set of variables can be viewed using the *Inputs* tab.

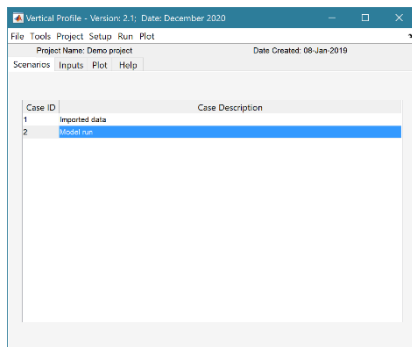
*Run> Run model*

When the run has completed the user is prompted to provide a description of the model run (scenario).

The run is listed on the *Cases* tab and the tidal elevations for the most recent run can be viewed on the *Plot* tab.

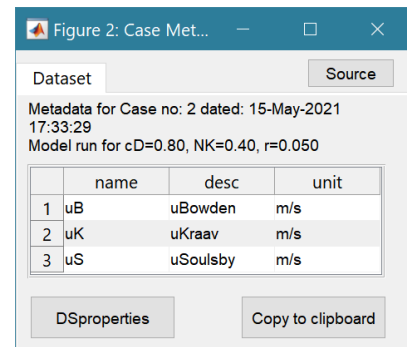
*Plot>Plot menu*

The results from a run can be selected and plotted. By using the Add button additional model runs can be included on the plot, allowing different Cases to be compared.



Default User Interface

Left click mouse on a Case to see the associated meta-data (as shown on the right)





### 3 Application Menus

<insert 'Sec3.0\_App\_Menus.docx' here using copy and paste (keep source formatting). The heading numbers and bookmarks should update>



## 4 Implementation/Supporting Information/Demonstration models

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The heading numbers and bookmarks should update>



## 5 Program Structure

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## 6 Bibliography