b - Define input & output maps

Content
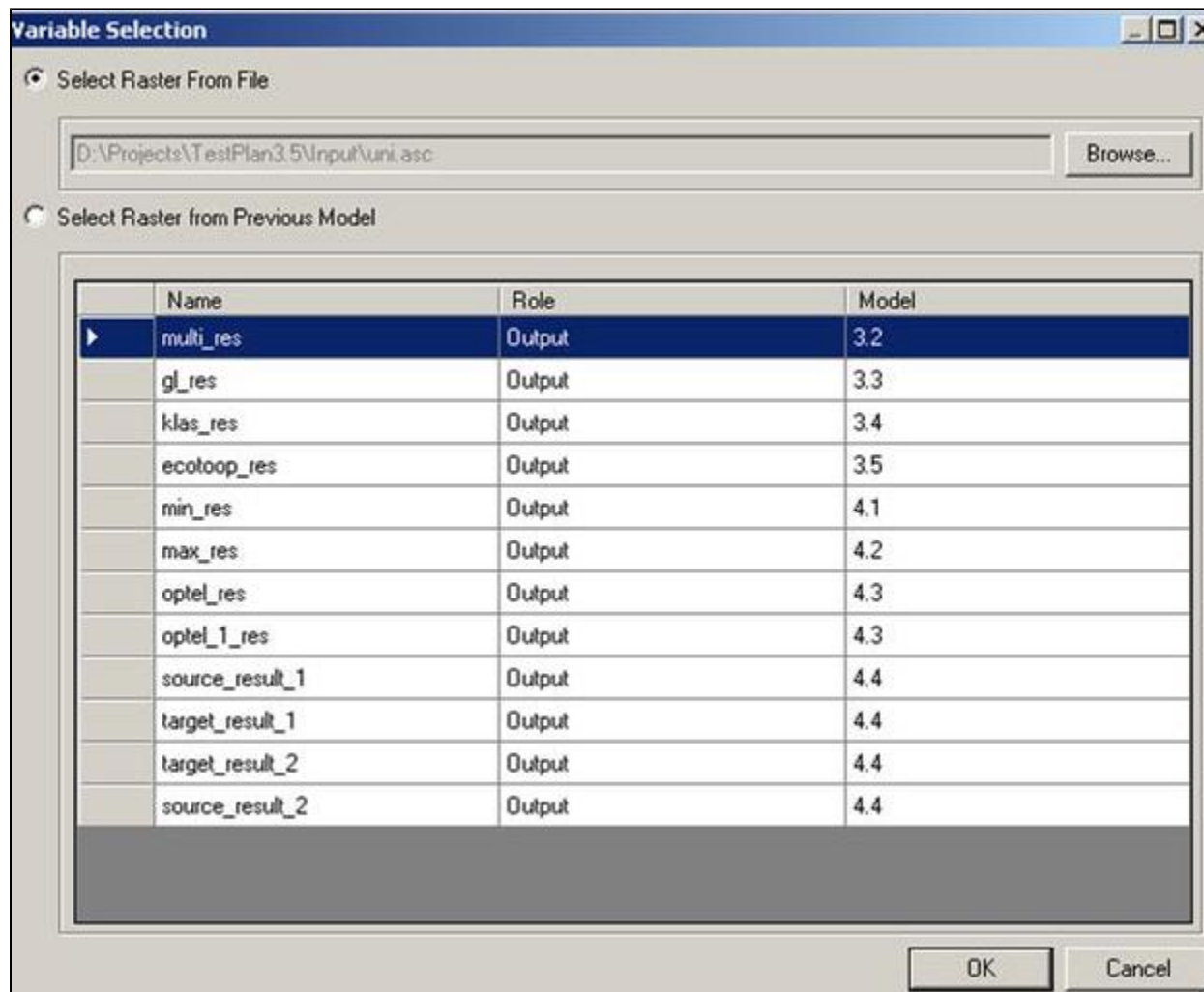
Define input maps

The input maps can be defined in two ways:

1) **double click** at the area under 'name' or click at the browse box.

The window presented below will appear. You can select a map from the list to add maps from previous models or click at 'browse' to browse to an external input file:
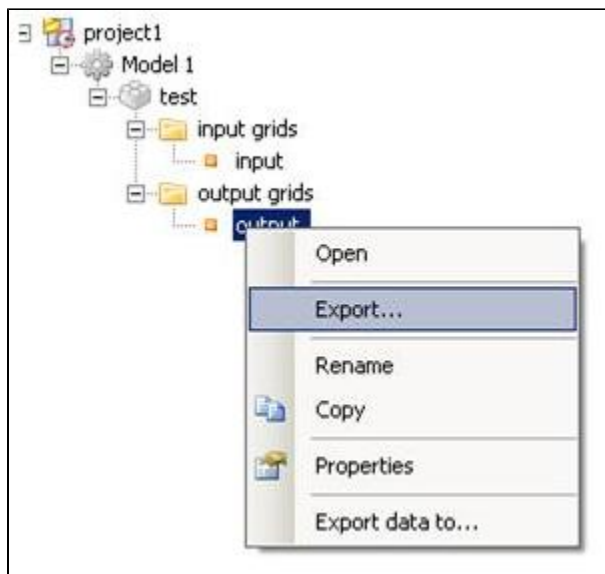

2) **link maps** in the Project Explorer:
This can be done by dragging the output map from a previous model within a folder to the input map and drop the map there. See example of linking models

Export Output maps

Exporting output maps is optional. The output is always automatically stored in the automated map structure of your project. But exporting maps could be usefule when you want to use the output files for calculations outside HABITAT. The output maps can be exported to a specified output location. Right click on the output map and select 'export'. Choose a location and a format.

project1
  Model 1
    test
      input grids
        input
      output grids
        output

	Open
	Export...
	Rename
	Copy
	Properties
	Export data to...

Overview of maps

An overview of all the maps in a composite model can be viewed by double clicking at the scenario in the tree from the Project Explorer.
Maps with a gray colour are linked and can not be changed, only by changing the name of the variable.
ⓘ This overview can also be used to change fast and easy the location of maps. To do this, copy the list to EXCEL (with ctrl+c and ctrl+v) and change the location in EXCEL (for example with 'search and replace').

Project Explorer

Natura2000 presentation
  Markermeer current wat
  Markermeer seasonal w
  Markermeer wetlands
  Markermeer wetlands an
  Testplan
    Habitatmodel
      Univariat Model
      Broken Linear N
      Classification M
      Multivariat Mode
      Species Model
    Ecotoopmodel
    Statistiek
  New Folder

Habitatmodel

Name	Role	Model	File
uni_res	Output	Univariat Model	d:\habitat\maps\uitvoer\uni_res.bil
uni_inp	Input	Univariat Model	D:\Habitat\maps\Univariaat.bil
gl_res	Output	Broken Linear Model	d:\habitat\maps\uitvoer\gl_res.bil
uni_res	Input	Broken Linear Model	d:\habitat\maps\uitvoer\uni_res.bil
klas_res	Output	Classification Model	d:\habitat\maps\uitvoer\klas_res.bil
invoer	Input	Classification Model	D:\Habitat\maps\klas_inp.bil
multi_res	Output	Multivariat Model	d:\habitat\maps\uitvoer\multi_res.bil
multi_x	Input	Multivariat Model	D:\Habitat\maps\multi_x.bil
multi_y	Input	Multivariat Model	D:\Habitat\maps\multi_y.bil
test_min	Output	Species Model	d:\habitat\maps\uitvoer\test_min.bil
uni_res	Input	Species Model	d:\habitat\maps\uitvoer\uni_res.bil
gl_res	Input	Species Model	d:\habitat\maps\uitvoer\gl_res.bil
klas_res	Input	Species Model	d:\habitat\maps\uitvoer\klas_res.bil
multi_res	Input	Species Model	d:\habitat\maps\uitvoer\multi_res.bil
test_max	Output	Species Model	d:\habitat\maps\uitvoer\test_max.bil
test_vermenigvuldig	Output	Species Model	d:\habitat\maps\uitvoer\test_vermenigvuldig.bil

Tips

ⓘ HABITAT is case sensitive

ⓘ It is not possible to use a "-" sign in a variable name. This name will be read as the PCRaster function minus. Use an underscore instead.The same accounts for other mathematic signs like:
'*' or 'x' which mean multiply
'^' which indicates square
'exp' indicates exponent
Click here for a full list of operators that should not be used in input names.

ⓘ Output maps are only valid when they start with either an underscore (_) or a letter.

ⓘ Pay attention that there will be no empty space behind a variable name. It may lead to an unrecognisible variable name in a formula-based function.

ⓘ HABITAT uses a point '.' as a deliminator.