Modelo numérico DELFT 3D:

WAVE

Ingeniería de Costas 2015-2016

Carmen Zarzuelo Romero
zarzueloc@ugr.es

Universidad de Granada

Dinámica Ambiental
UNIVERSIDAD DE GRANADA

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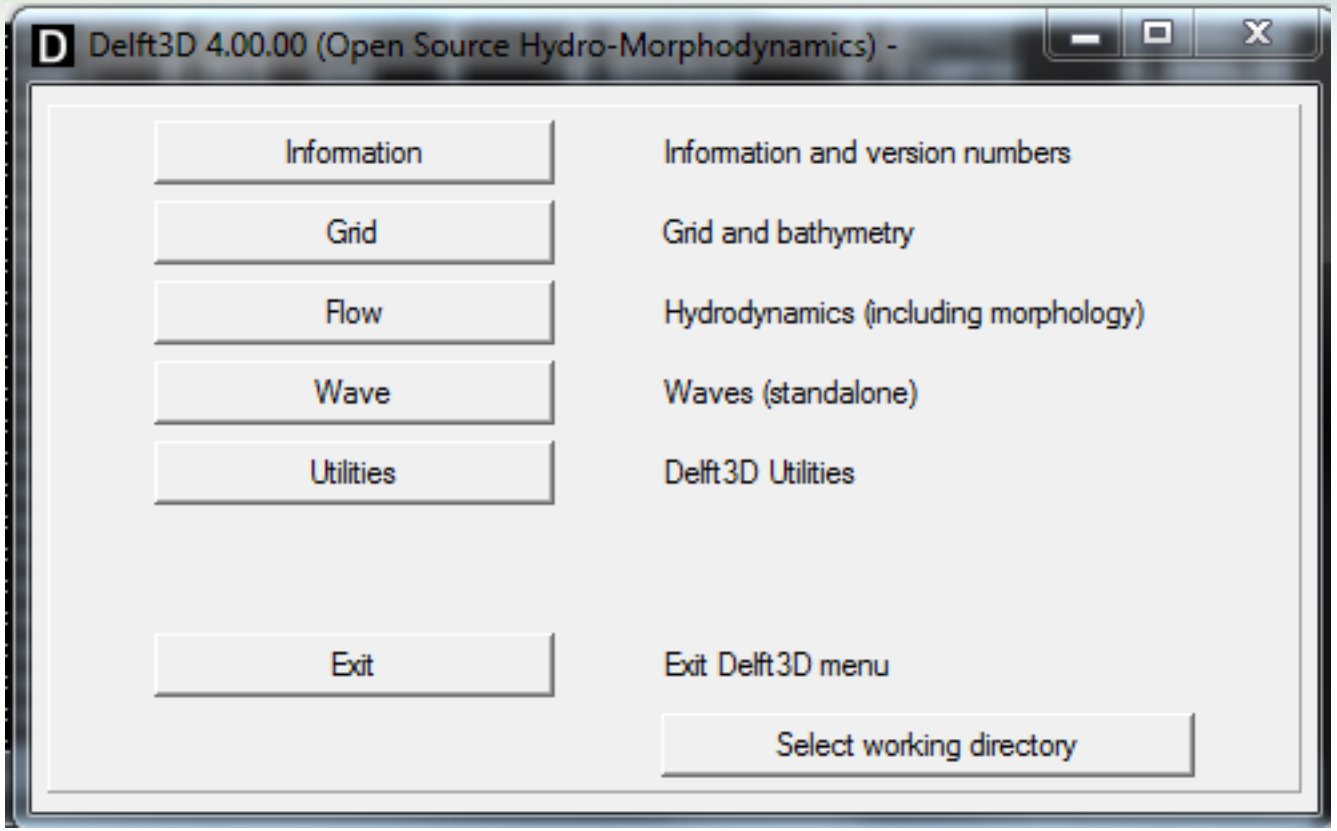

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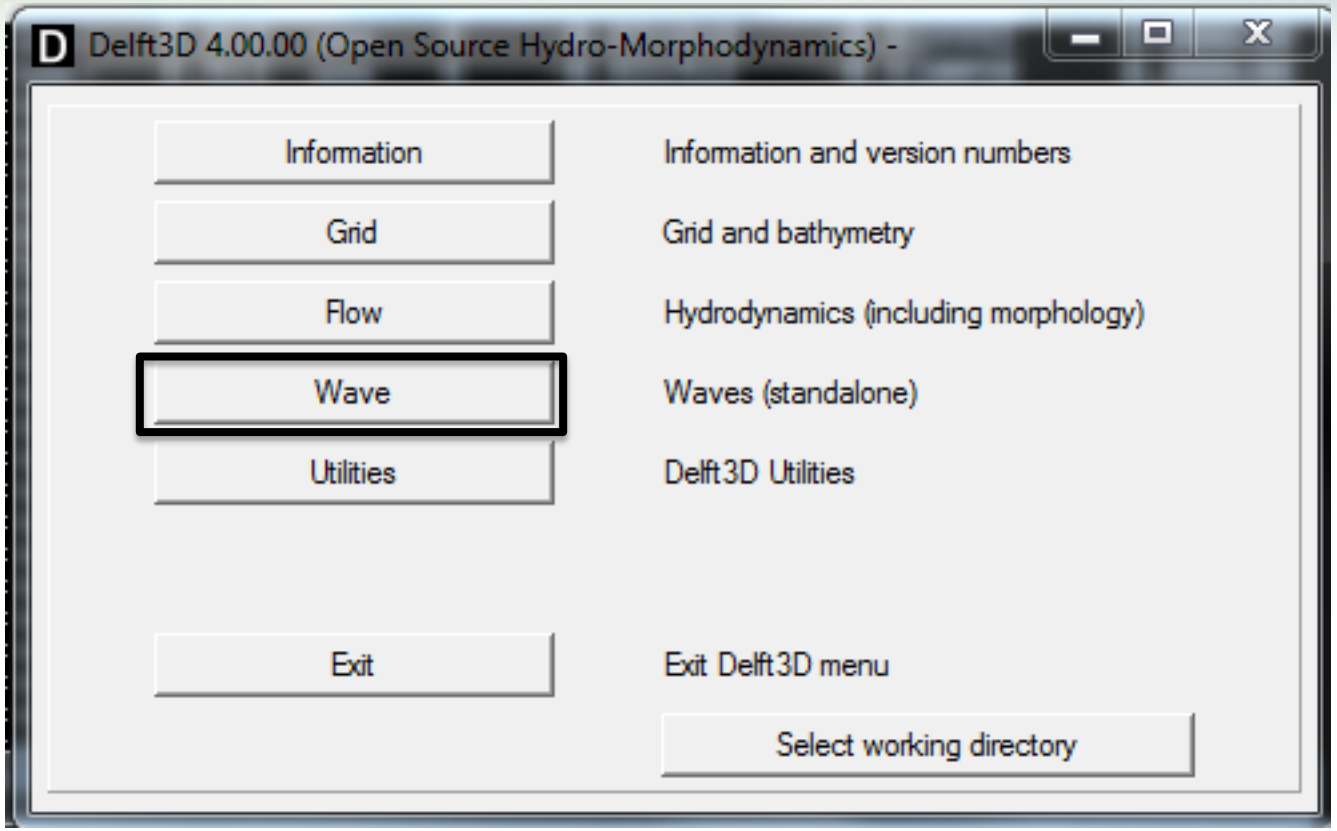

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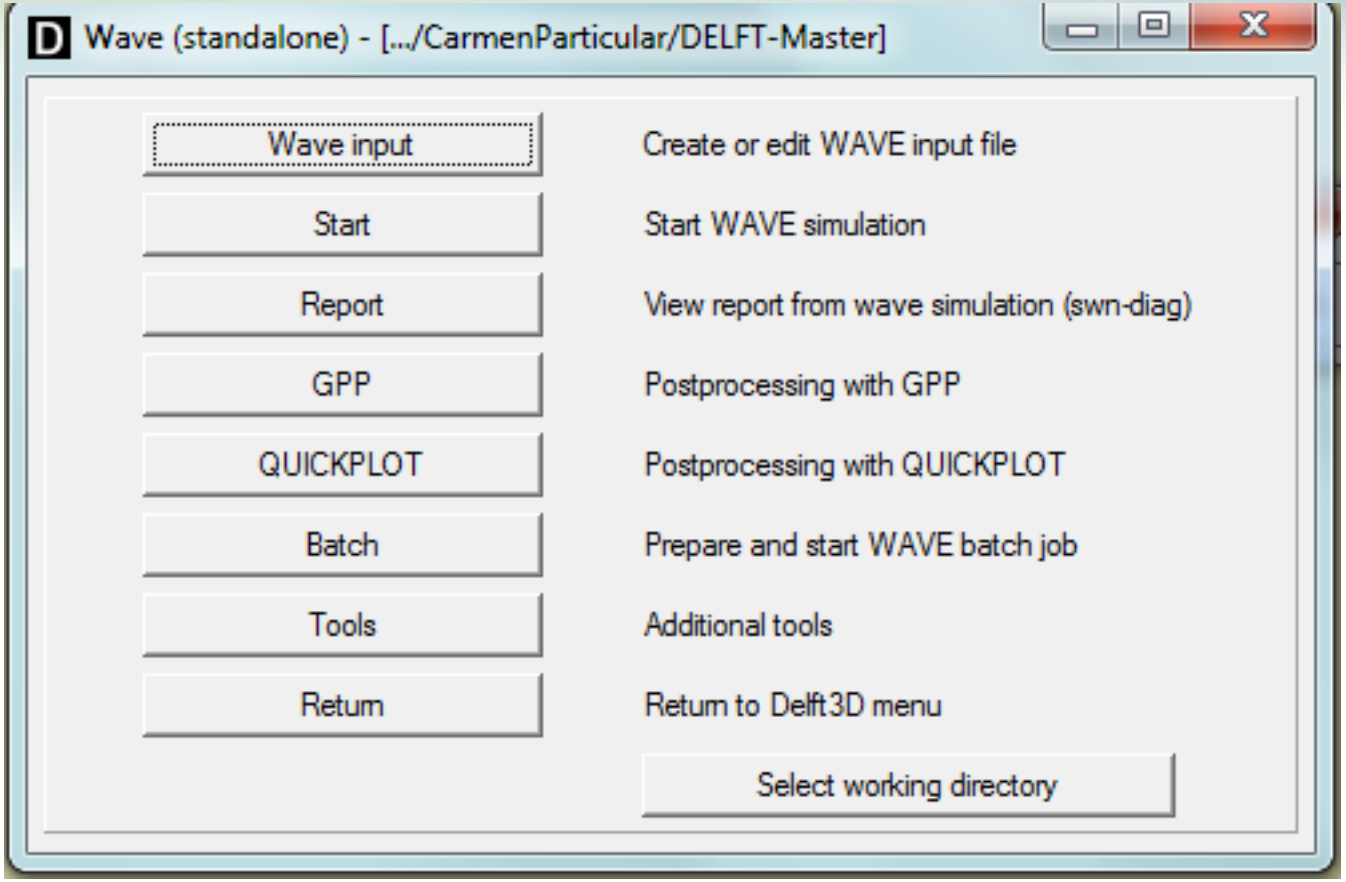

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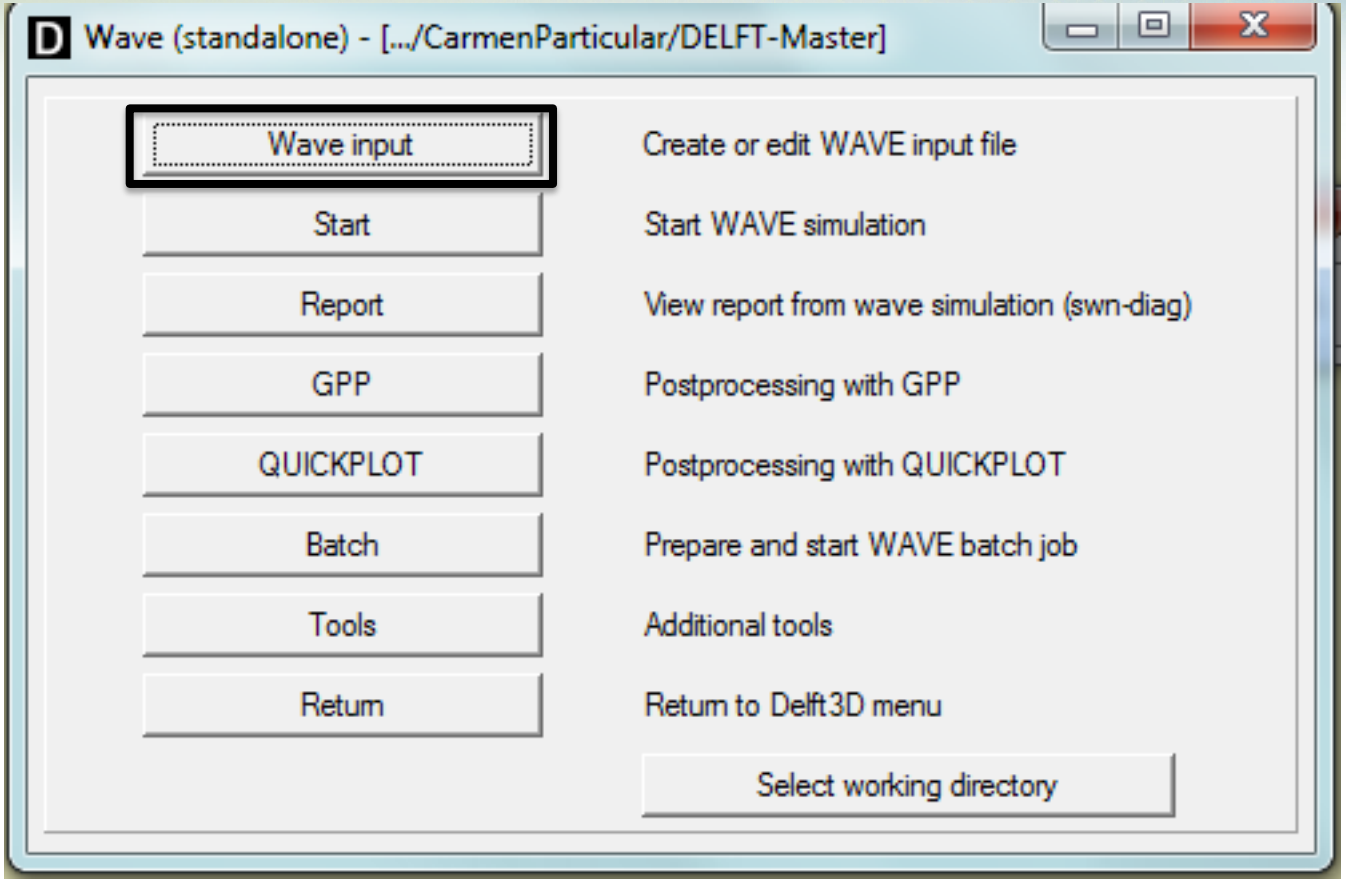

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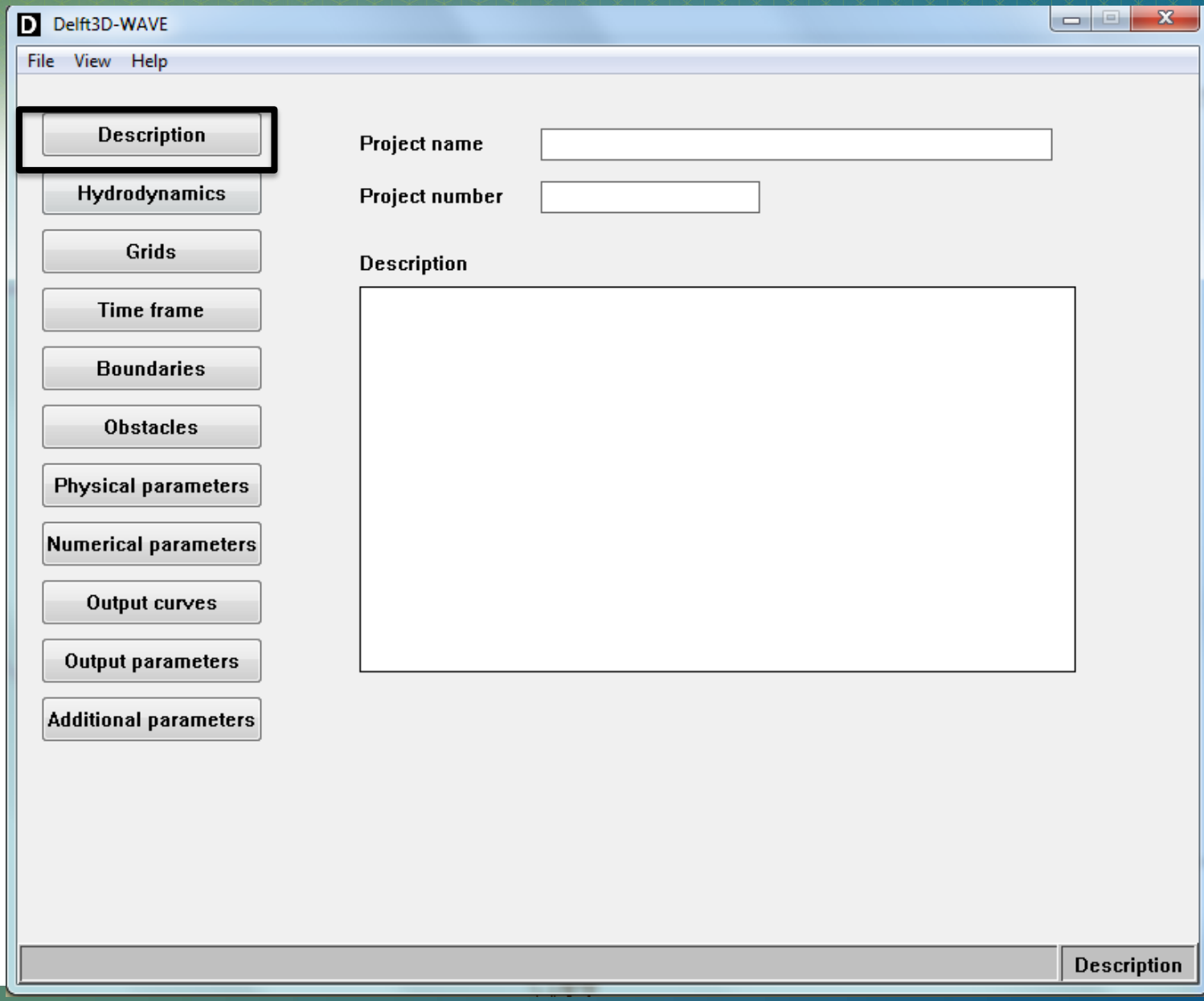

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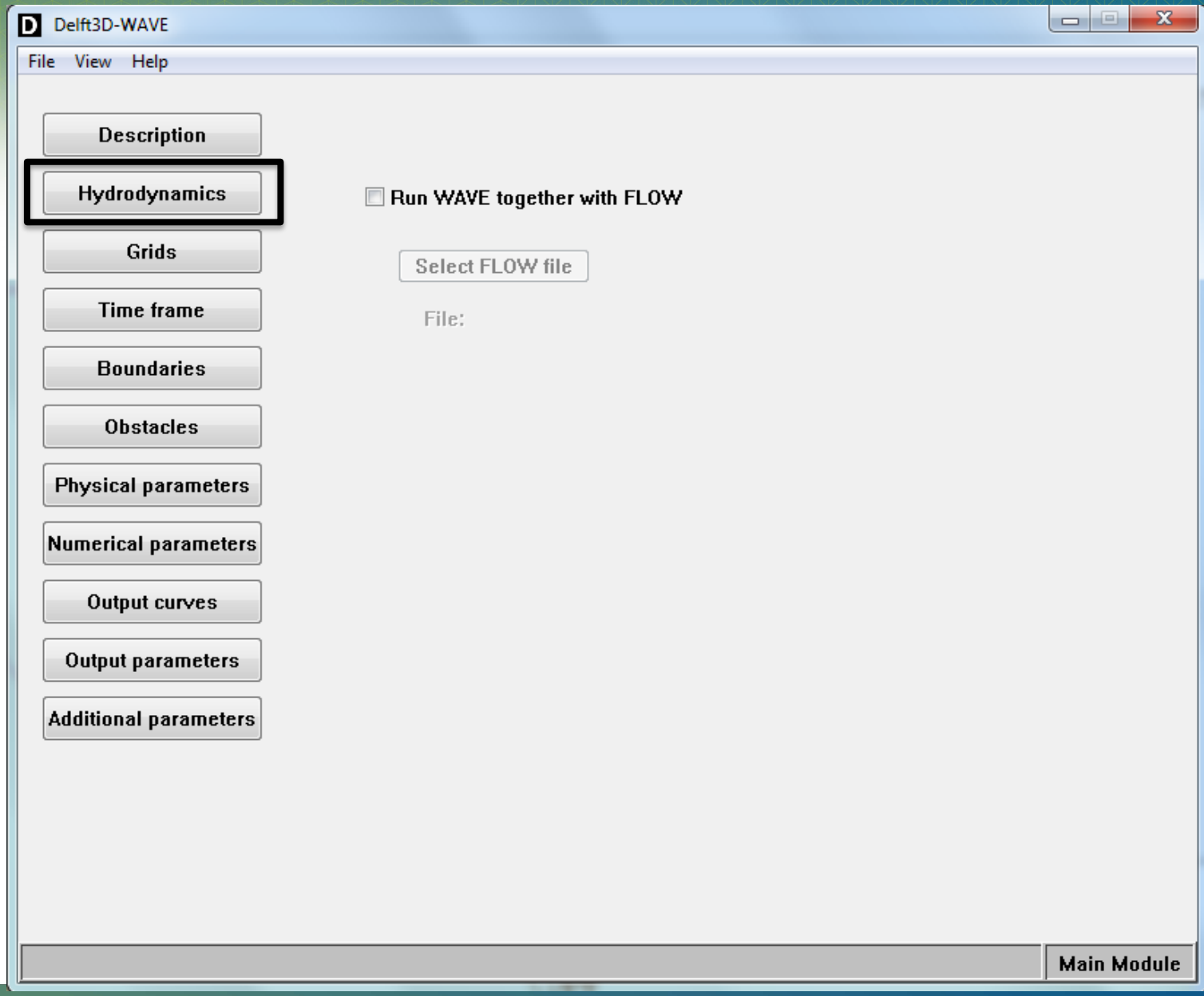

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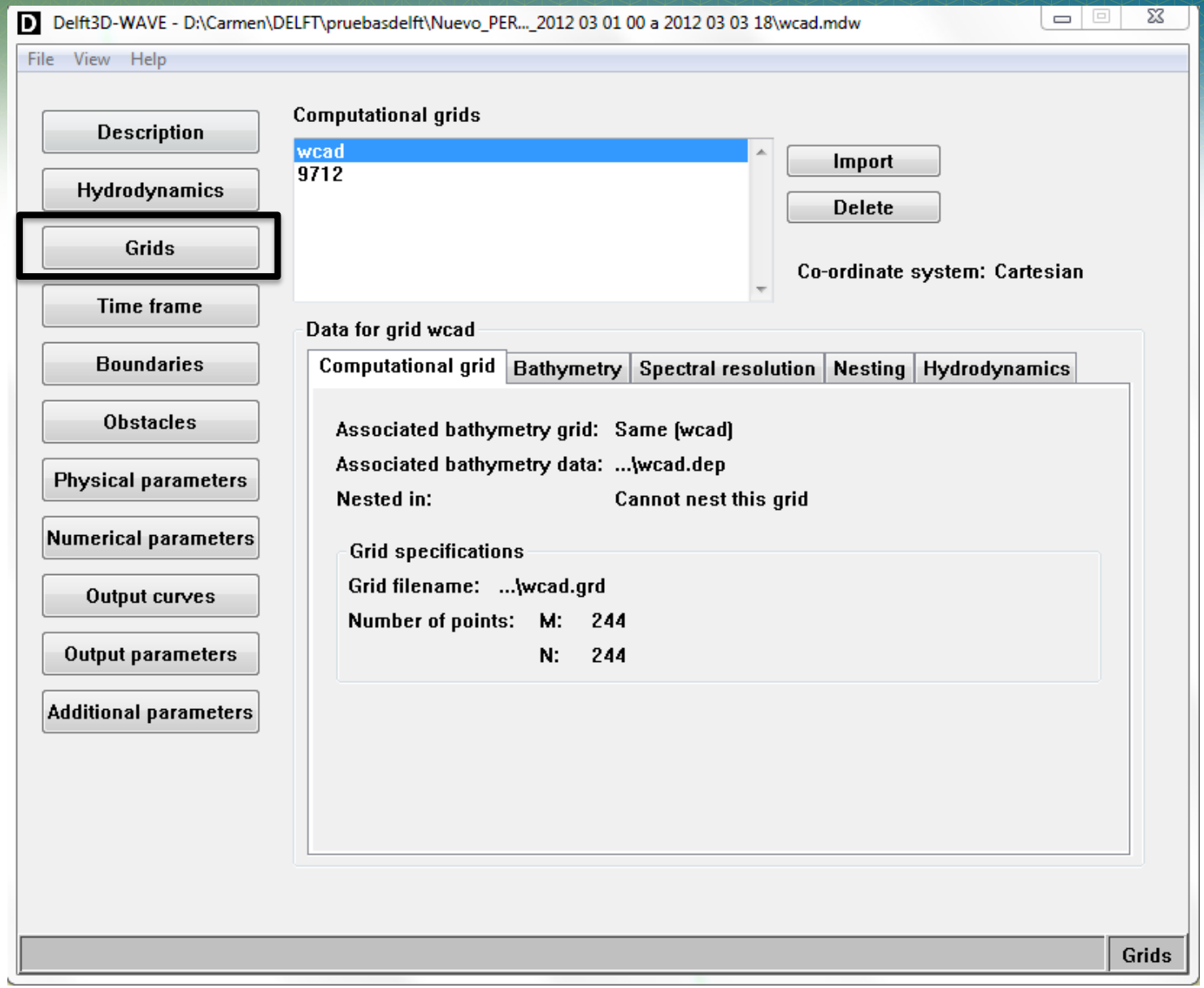

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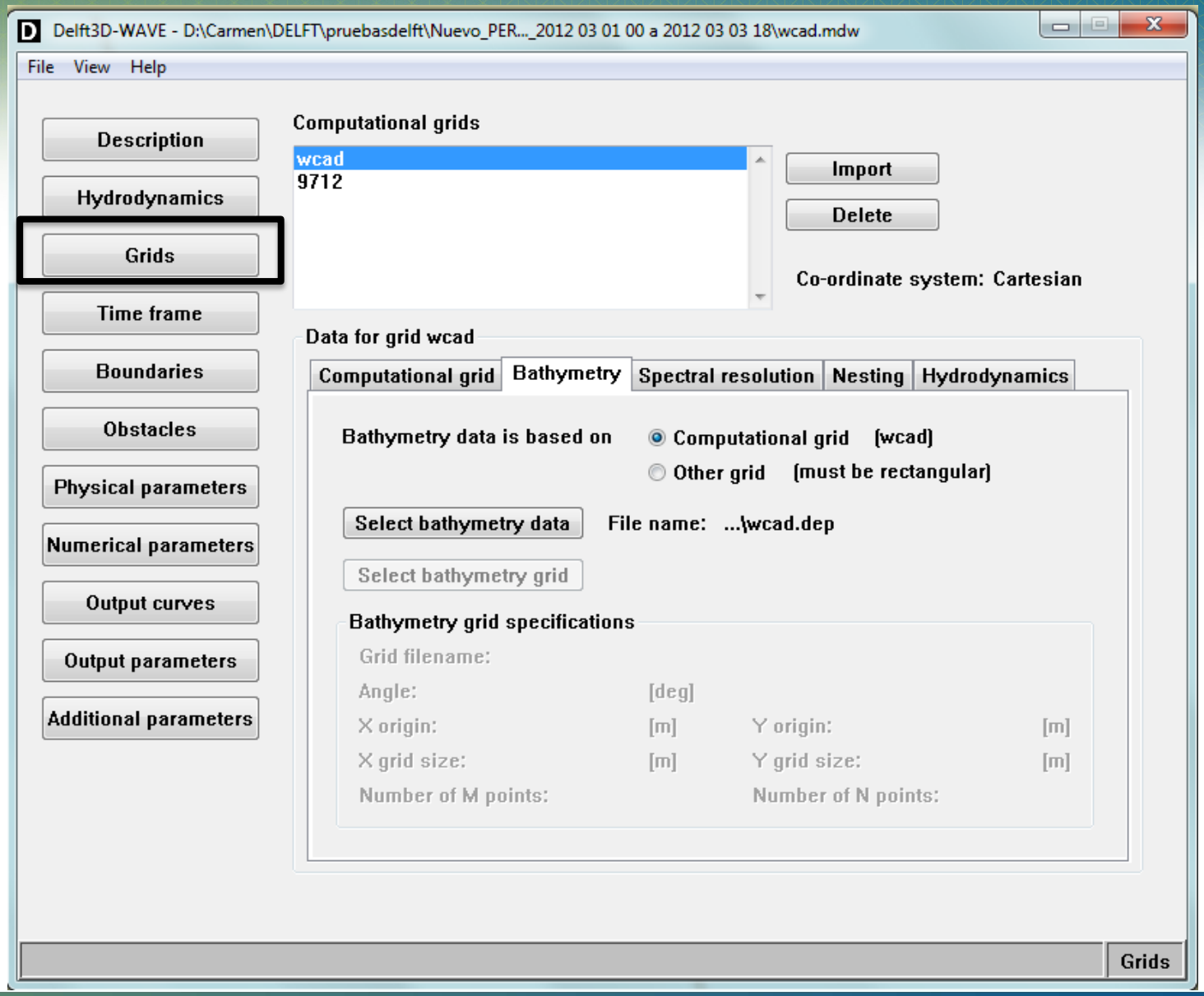

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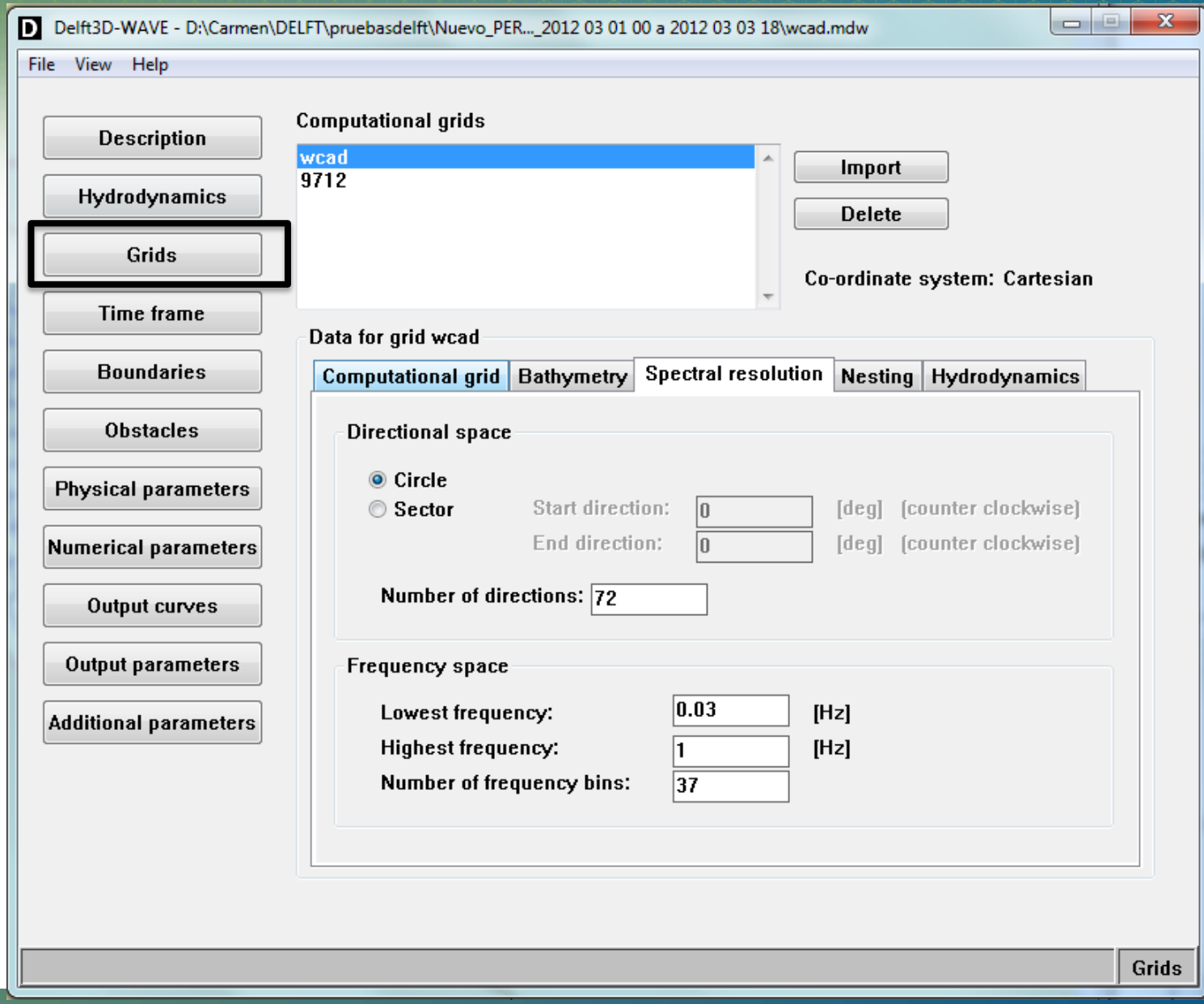

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Parameter	Lower limit	Upper limit	Default	Unit
Start direction	-360	360	0	degree
End direction	-360	360	0	degree
Number of directions	4	500	36	-
Lowest frequency	0.0	-	0.05	Hz
Highest frequency	0.0	-	1	Hz
Number of frequency bins	4	-	24	-

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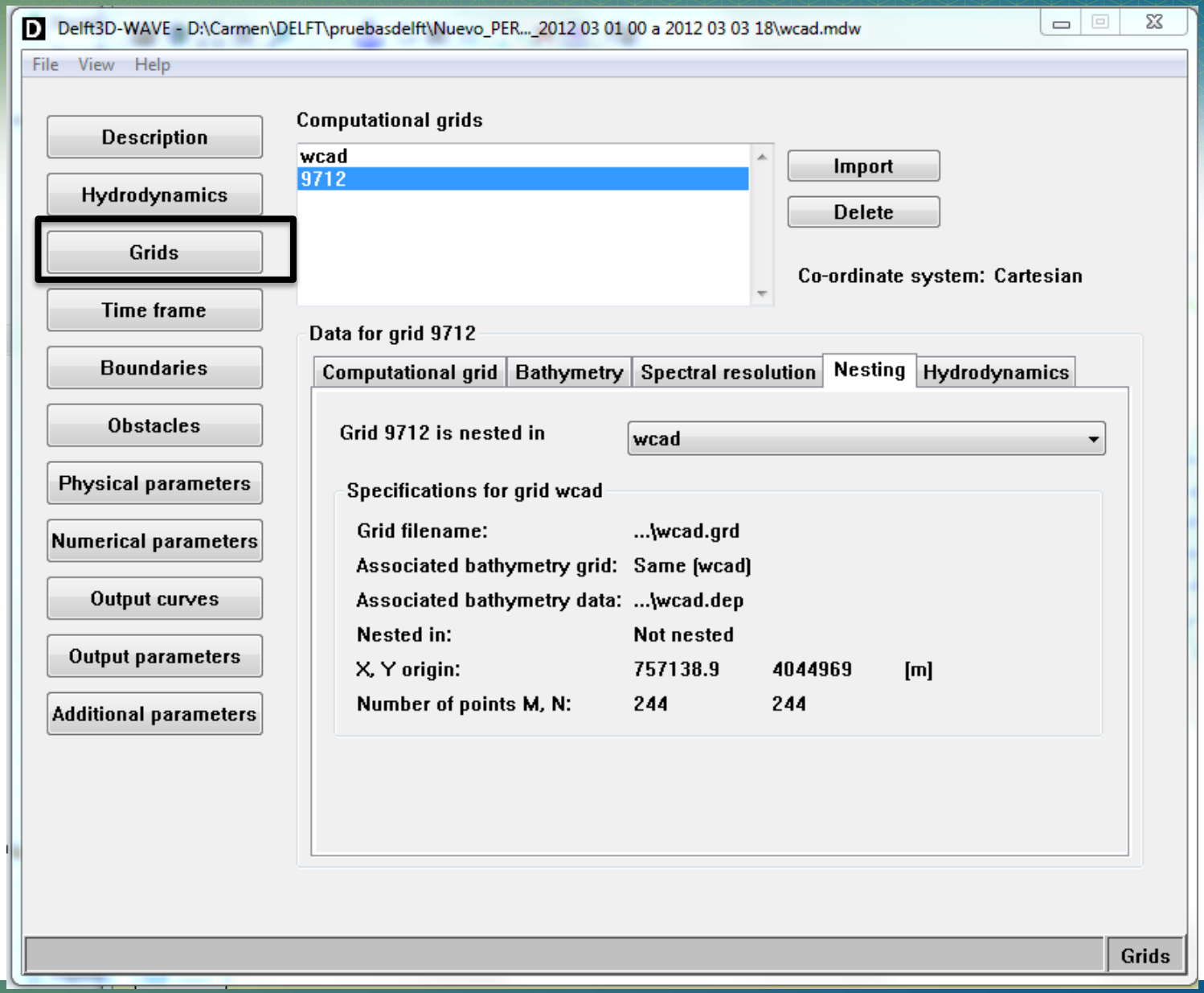

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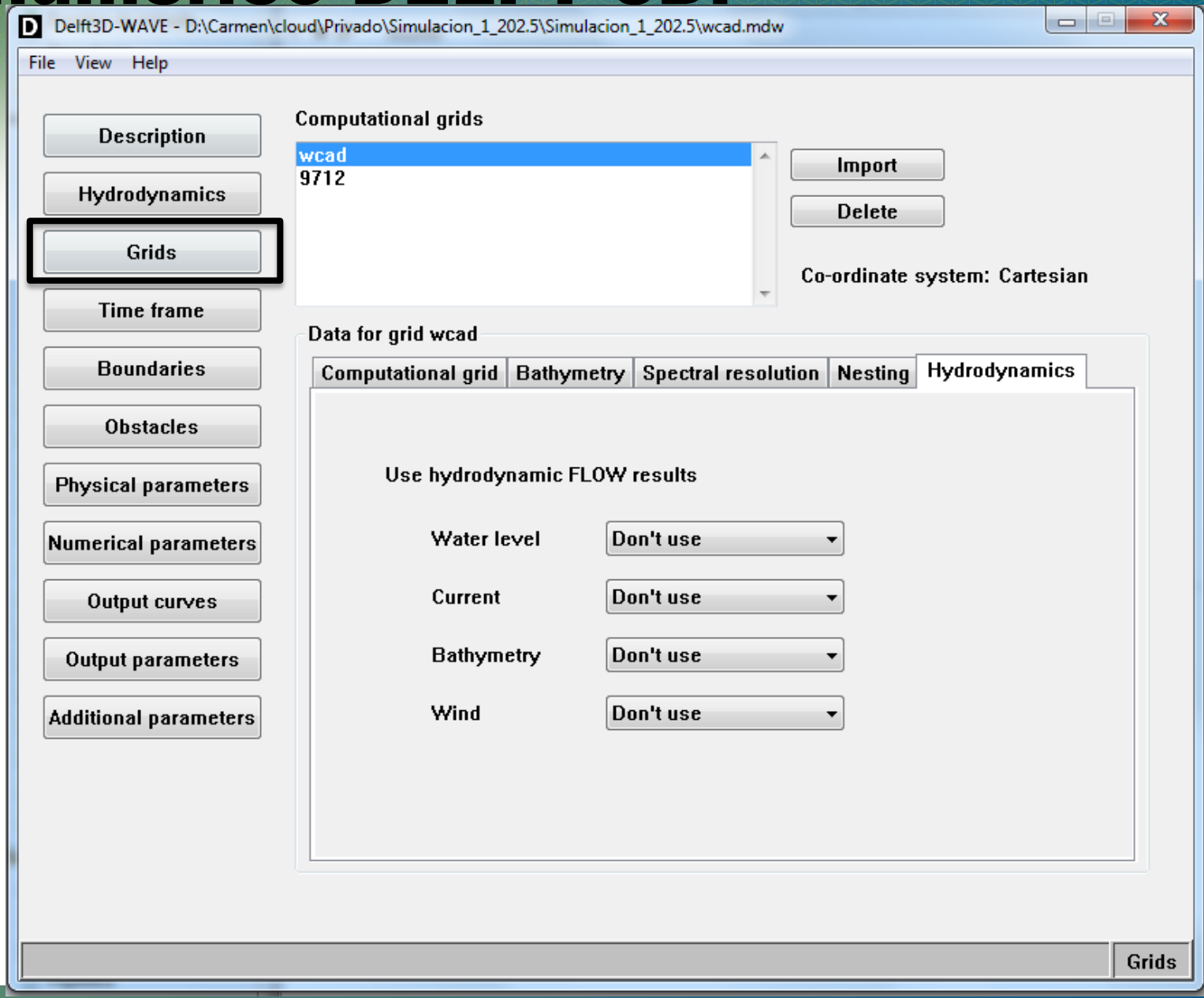

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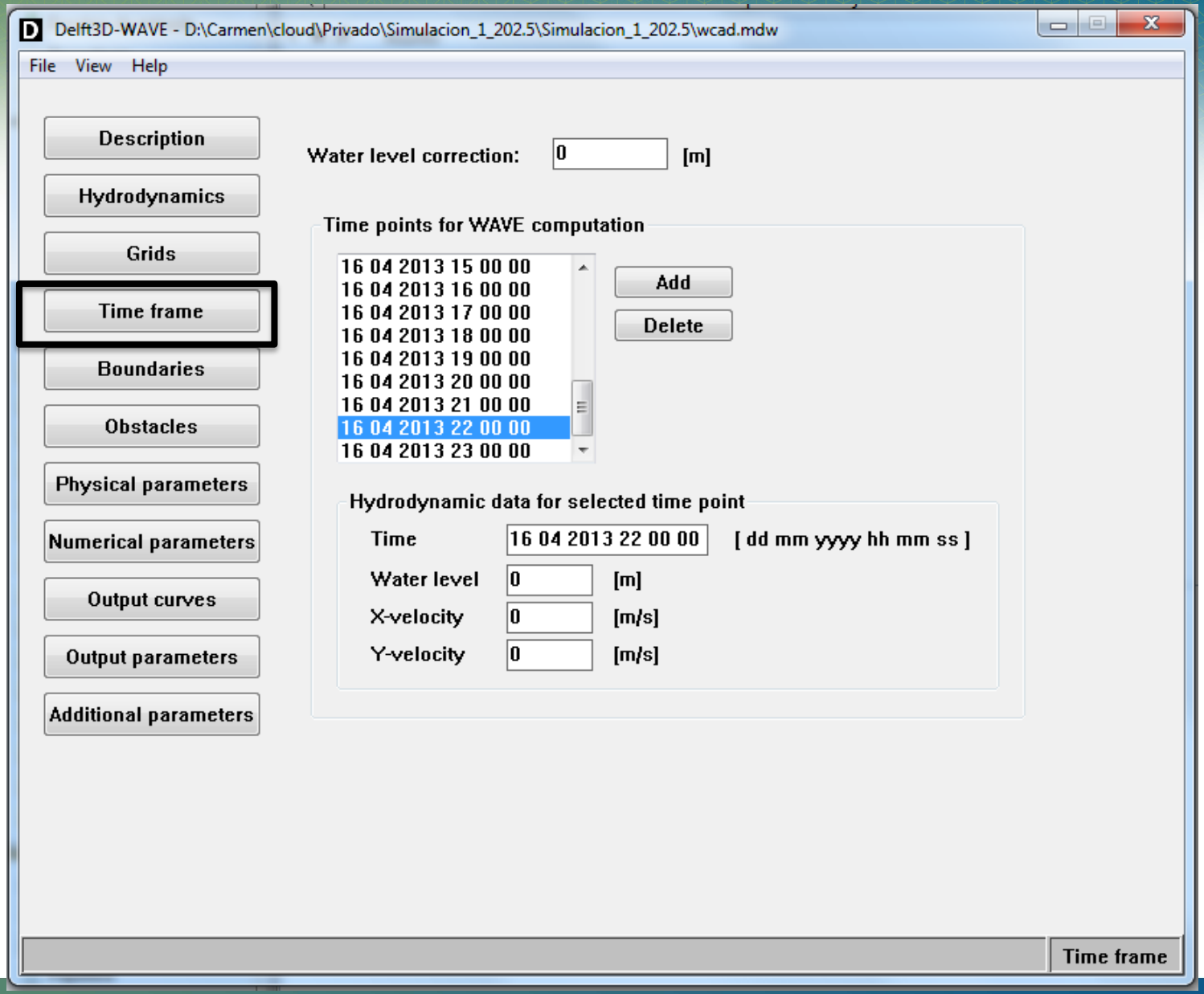

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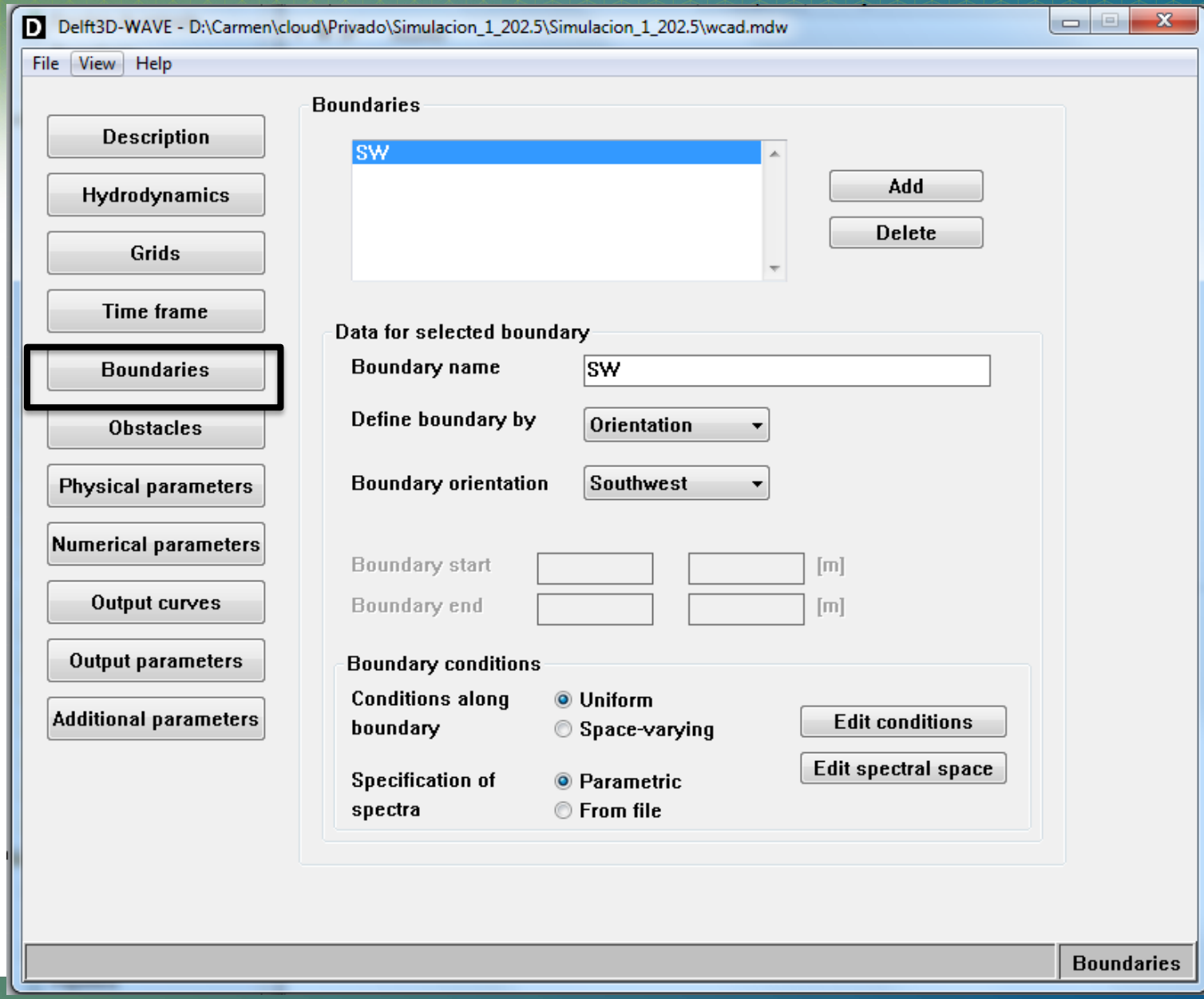

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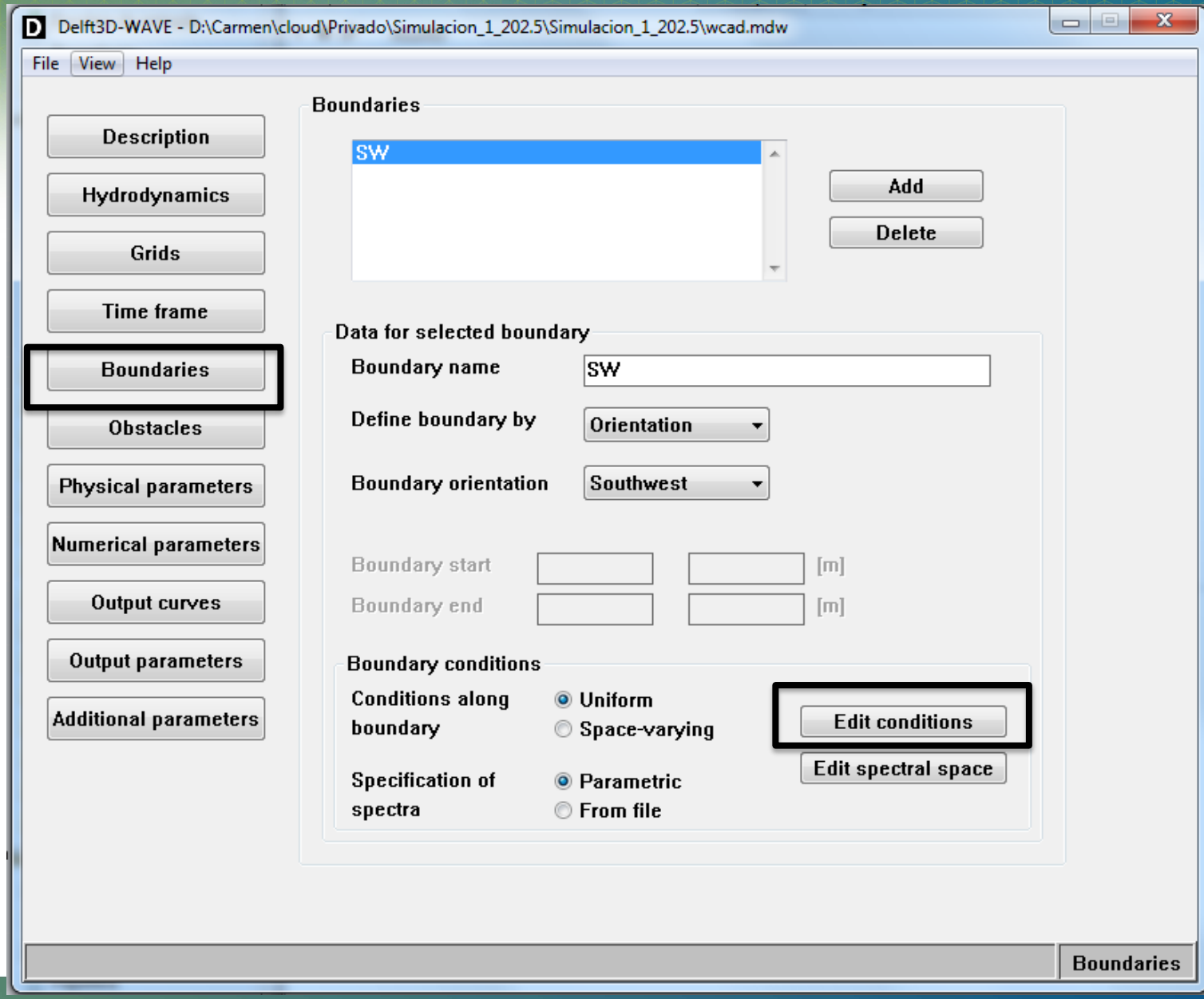

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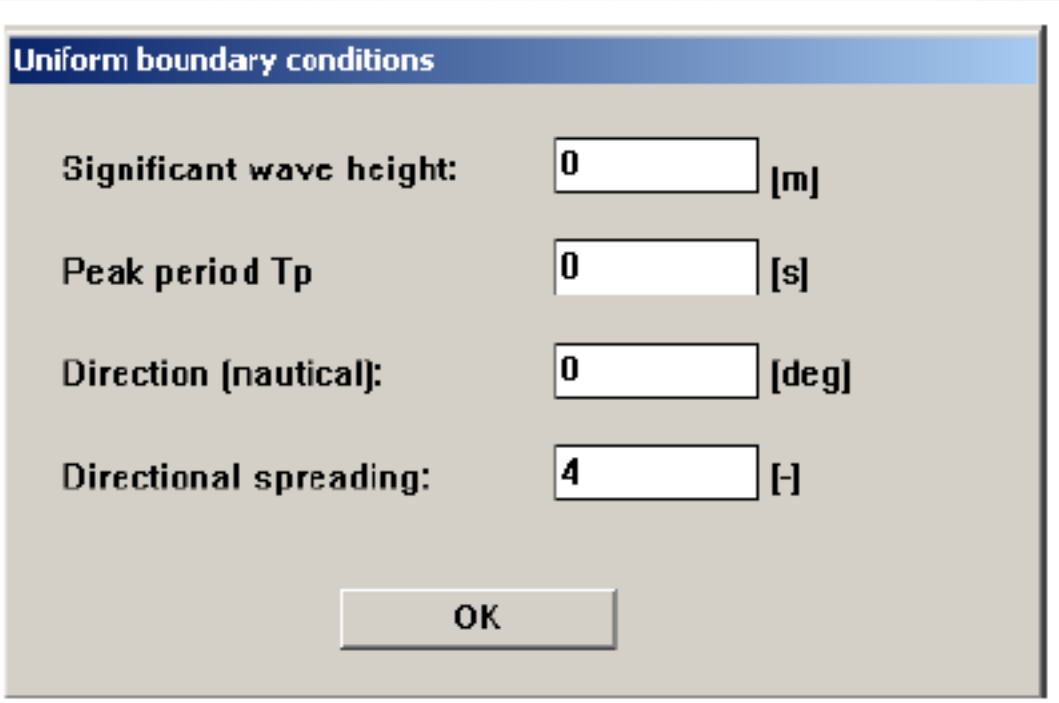

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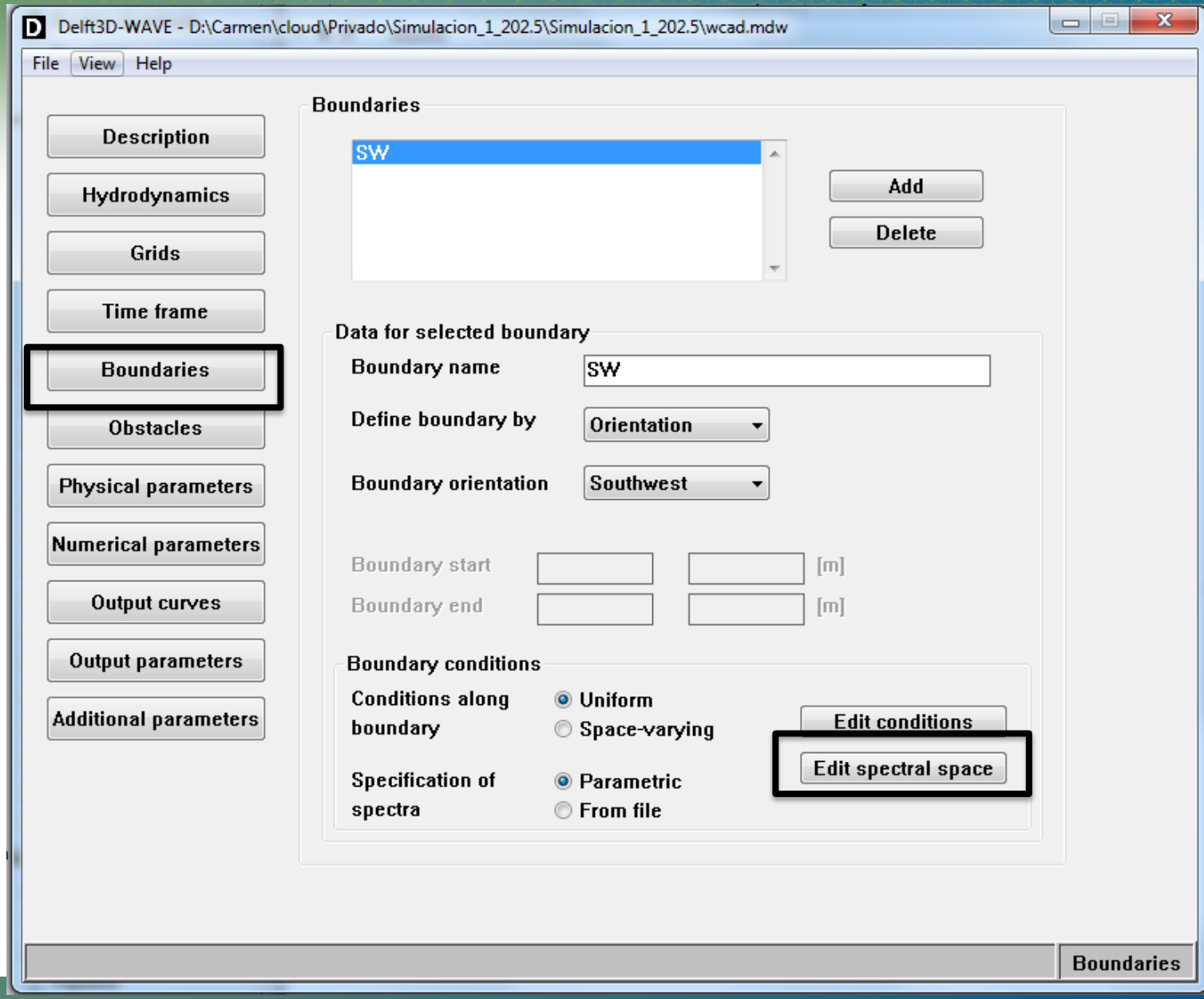

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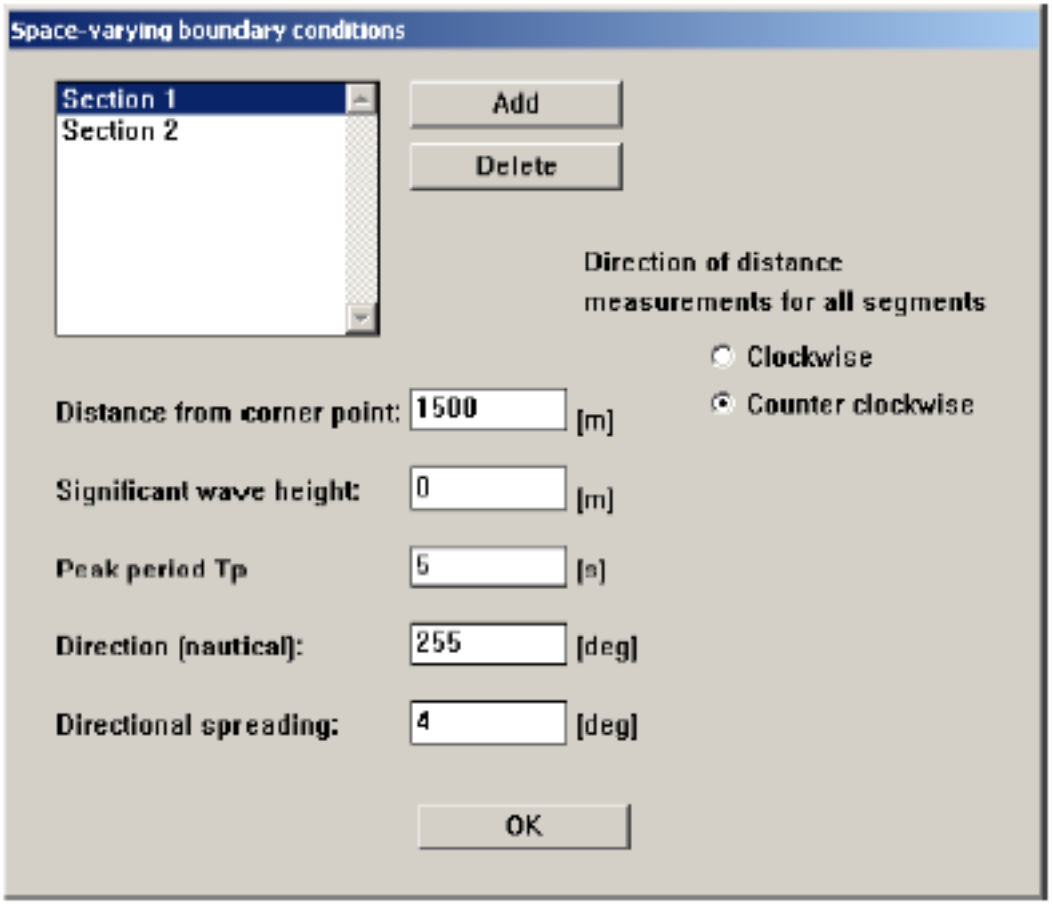

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Parameter	Lower limit	Upper limit	Default	Unit
Number of points to specify boundary	0	300	0	-
Spectral peak factor	1.	10.	3.3.	-
Distance from corner point	0.	Y-length	0.	m
Significant wave height	0.	25.	0.	m
Spectral peak period	0.1	20.	1.	s
Wave direction	-360	360.	0.	°
Directional width (m)	1.	100.	4.	-

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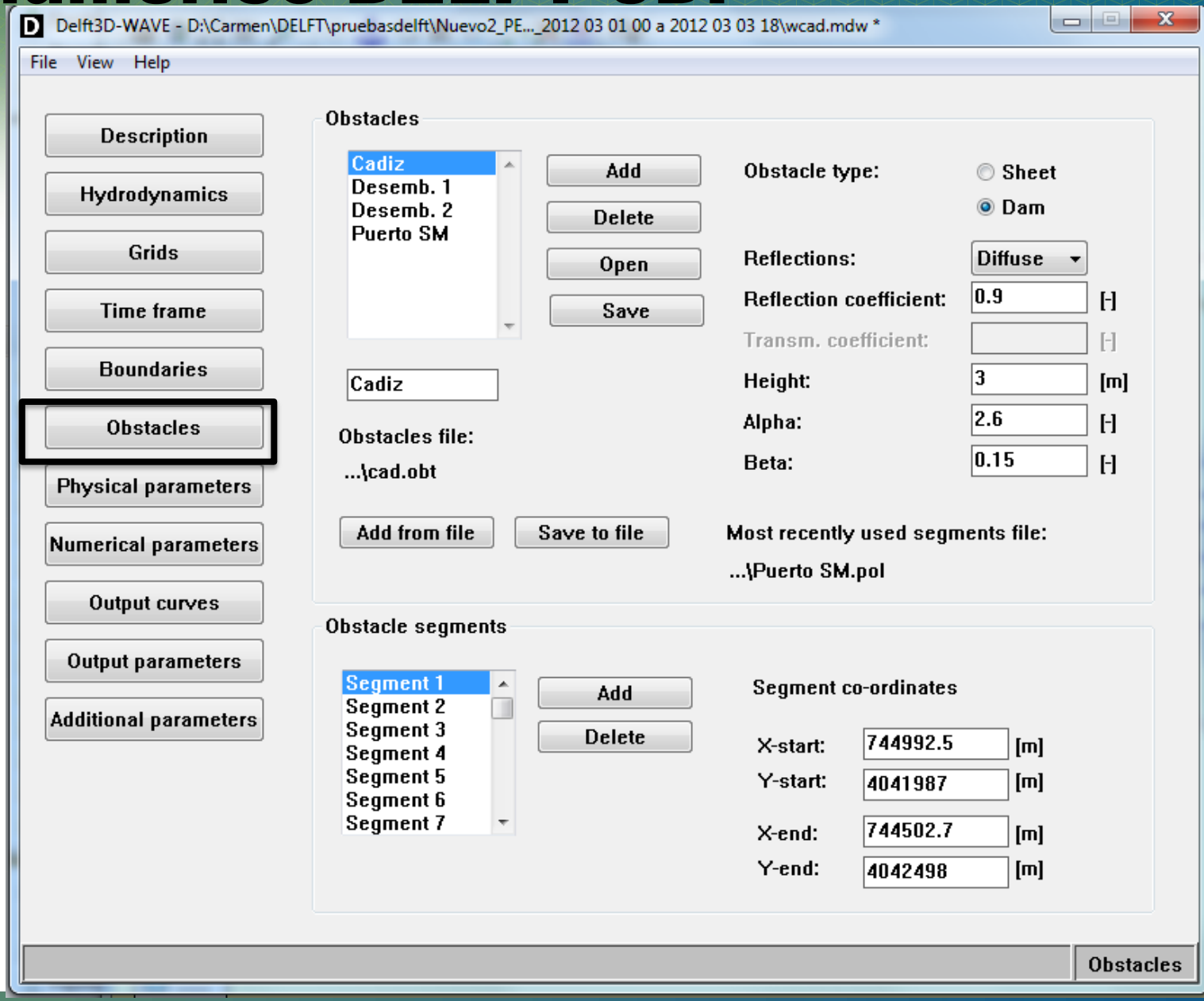

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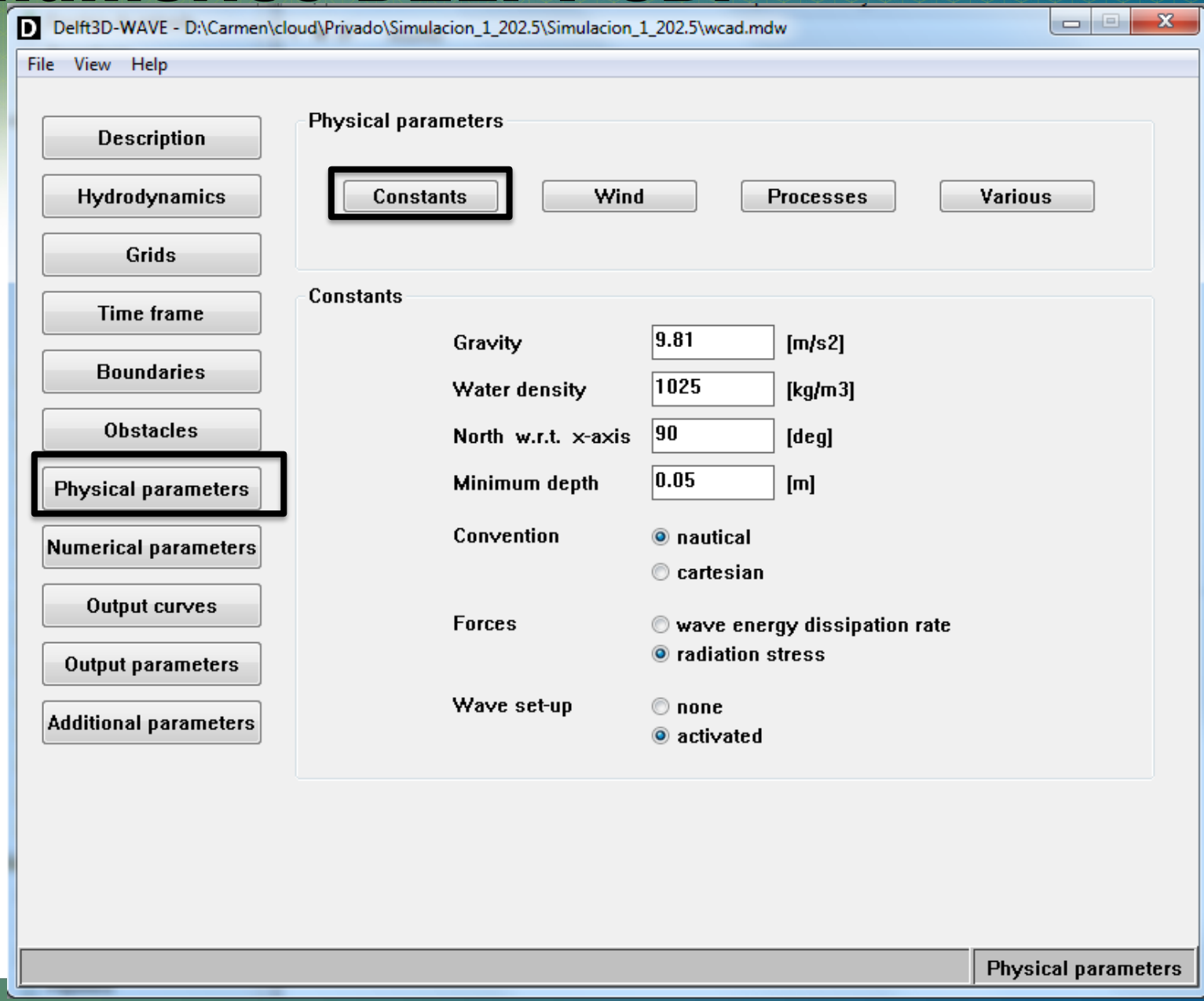

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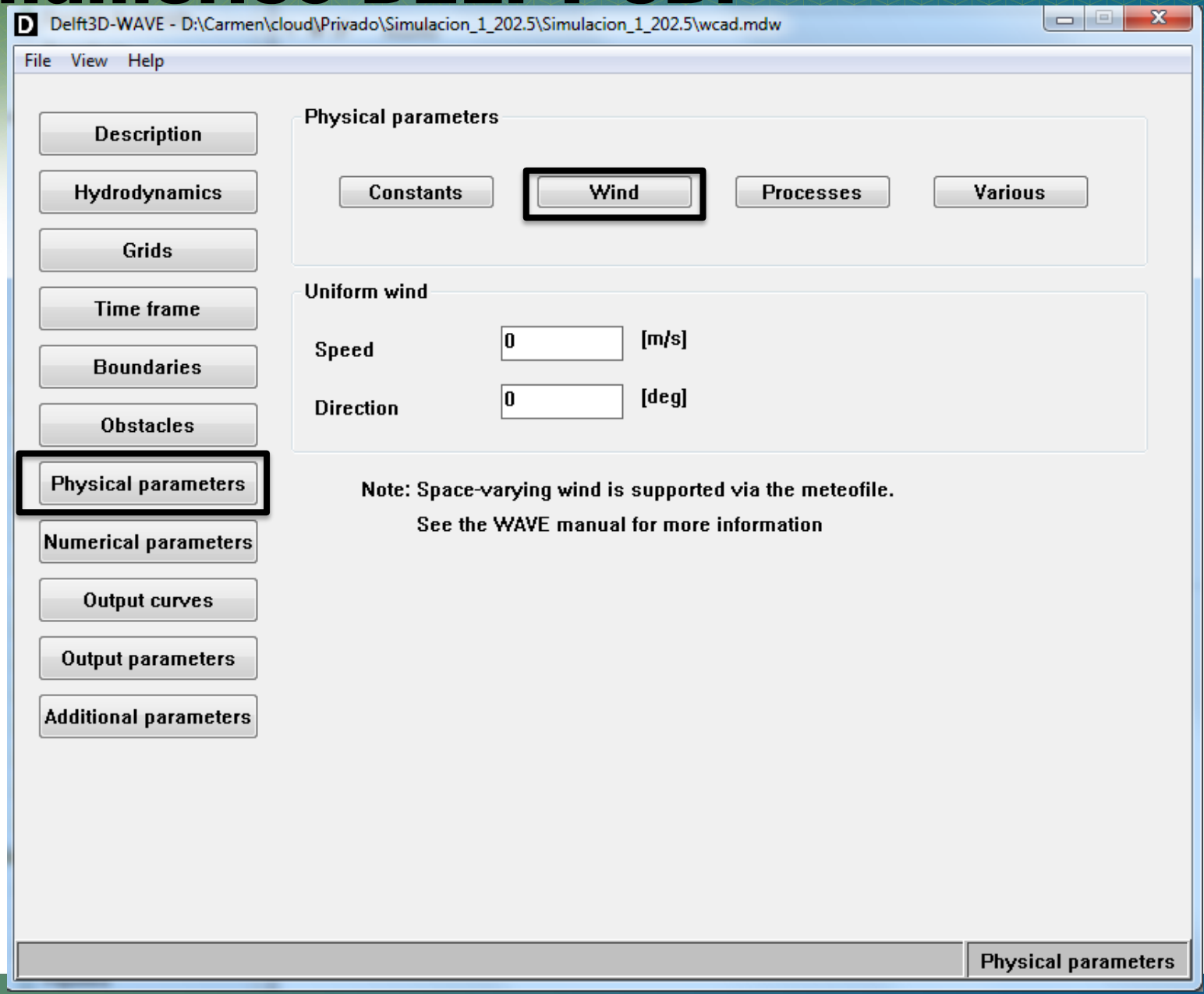

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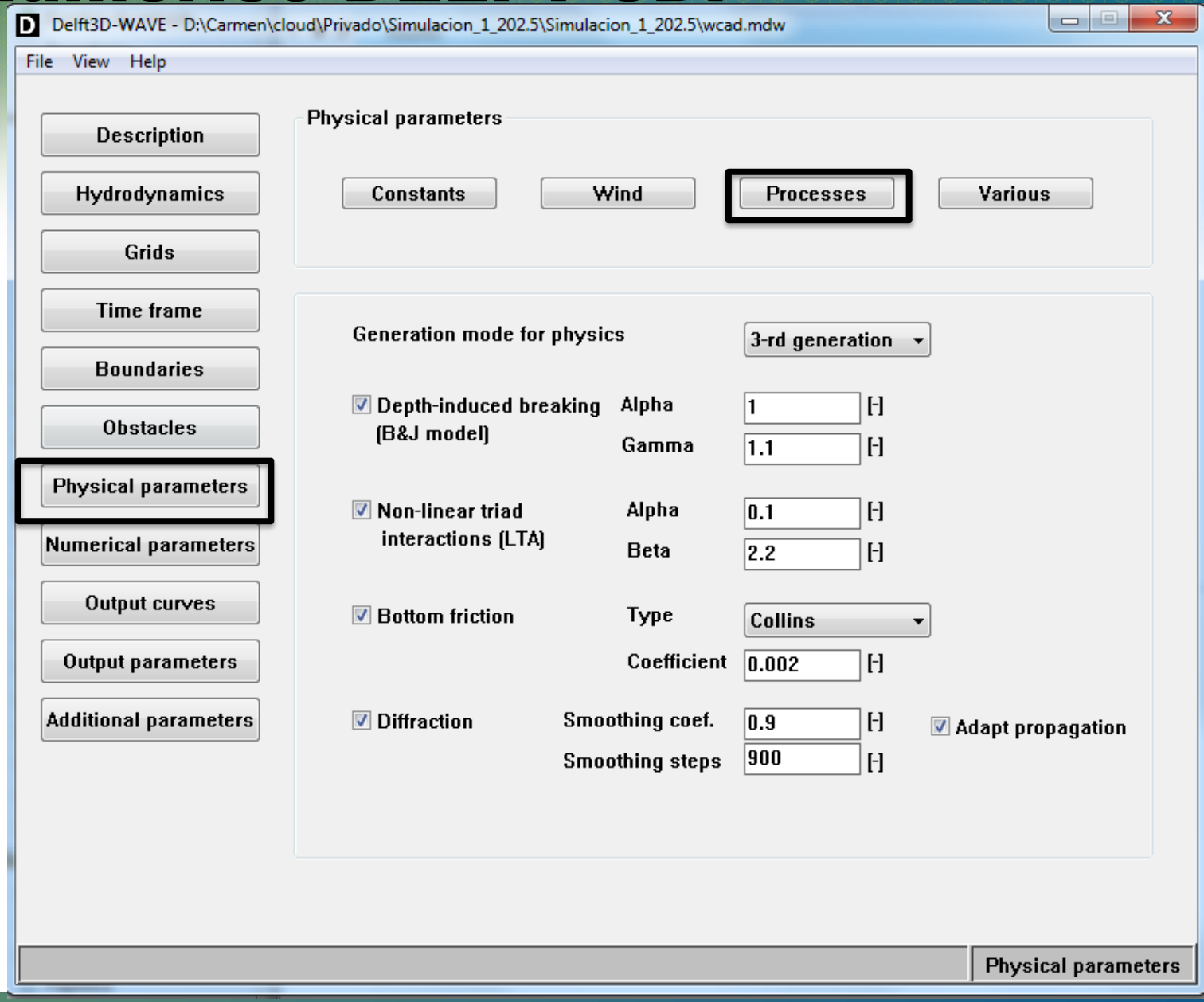

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Parameter	Lower limit	Upper limit	Default	Unit
Generation mode			**3rd generation**	
Depth-induced breaking:			**B&J model**	
Alfa	0.1	10	1.0	-
Gamma	0.55	1.2	0.73	-
Non-linear triad interactions			**inactive**	
Alfa	0.001	10	0.10	-
Beta	0.001	10	2.2	-
Bottom friction			**JONSWAP**	
Bottom friction coefficient			0.067	m^2/s^3
Diffraction			**inactive**	
Smoothing coefficient	0	1.0	0.2	-
Smoothing steps	1	999	5	-
Adapt propation			active	

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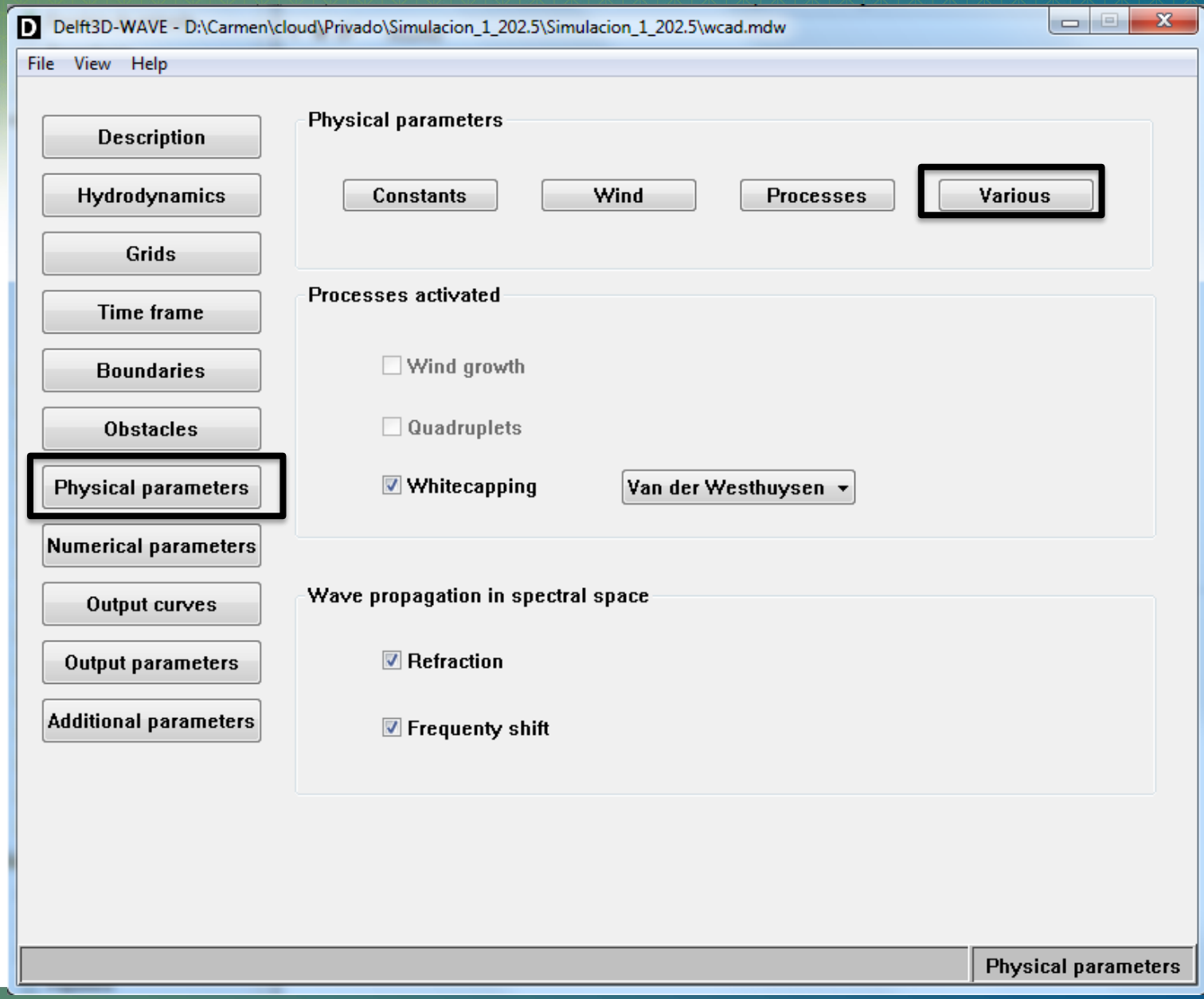

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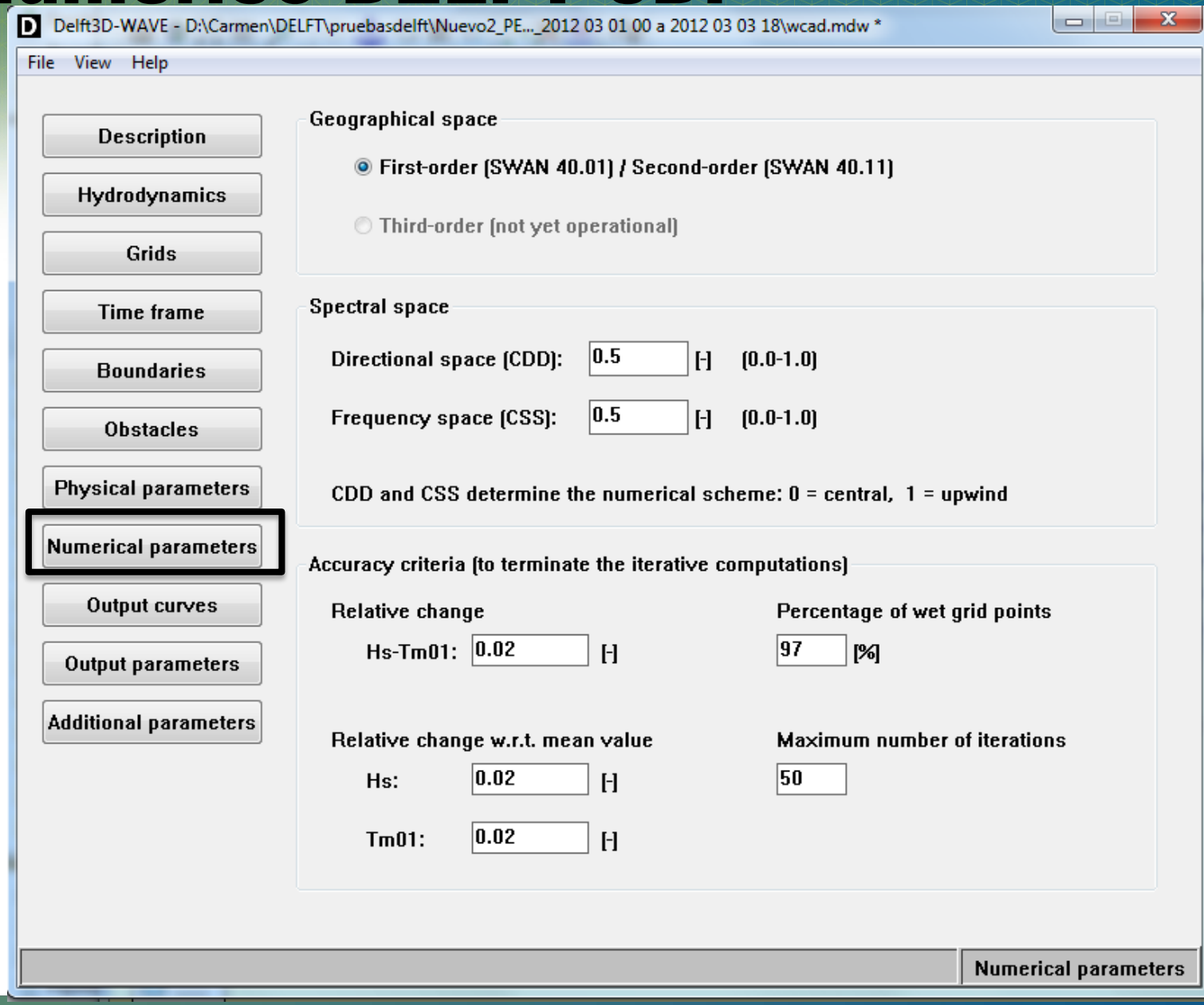

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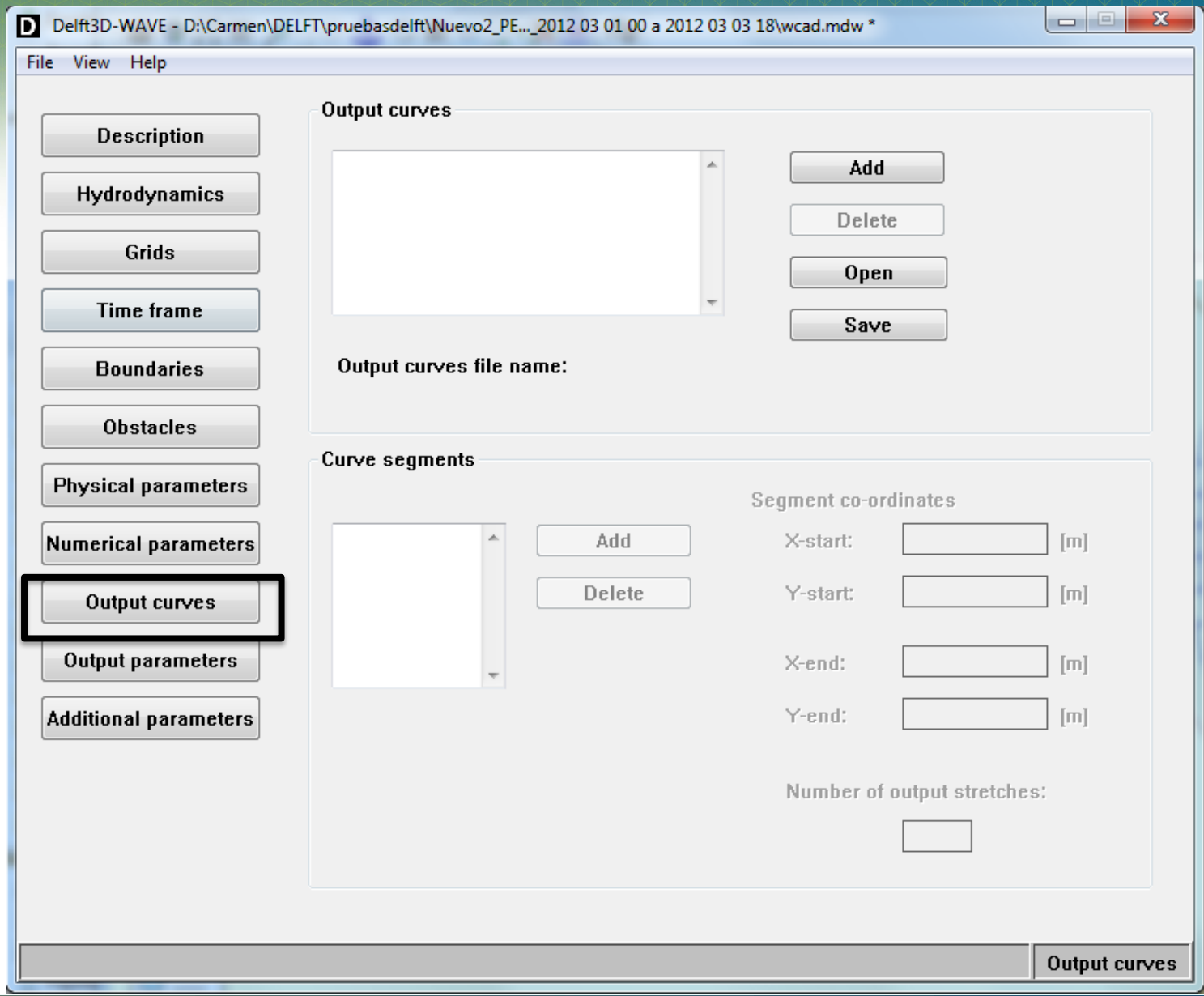

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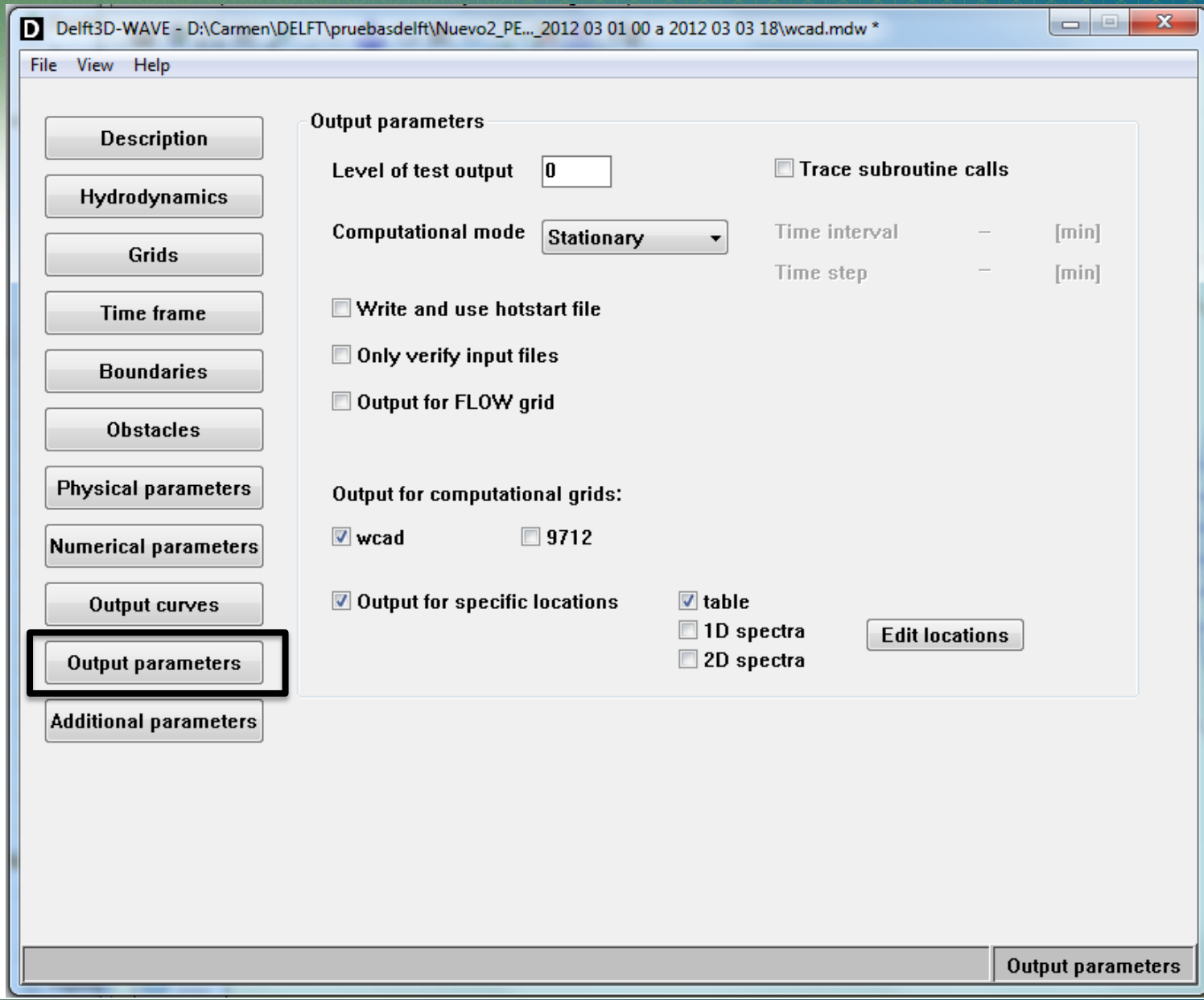

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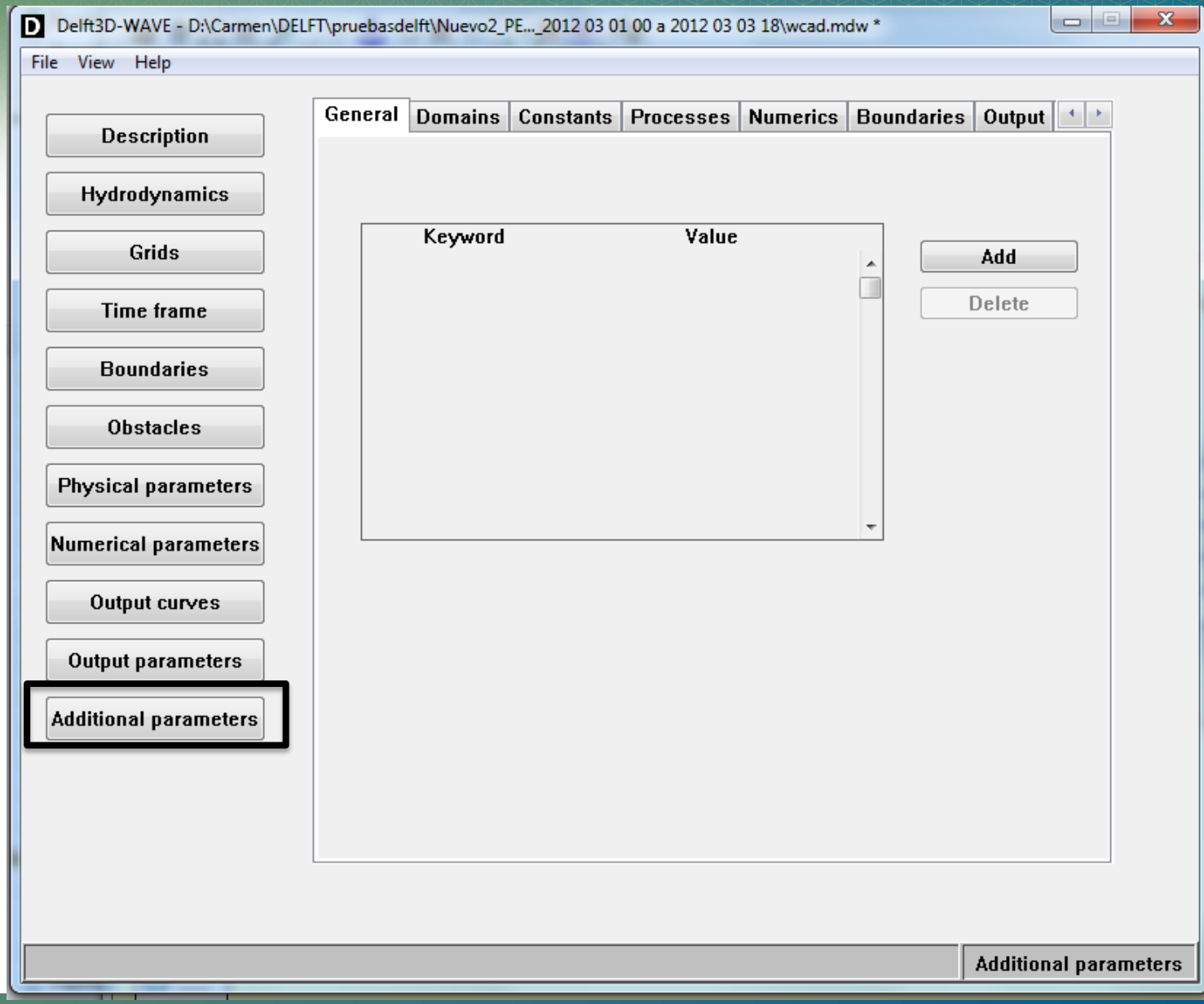

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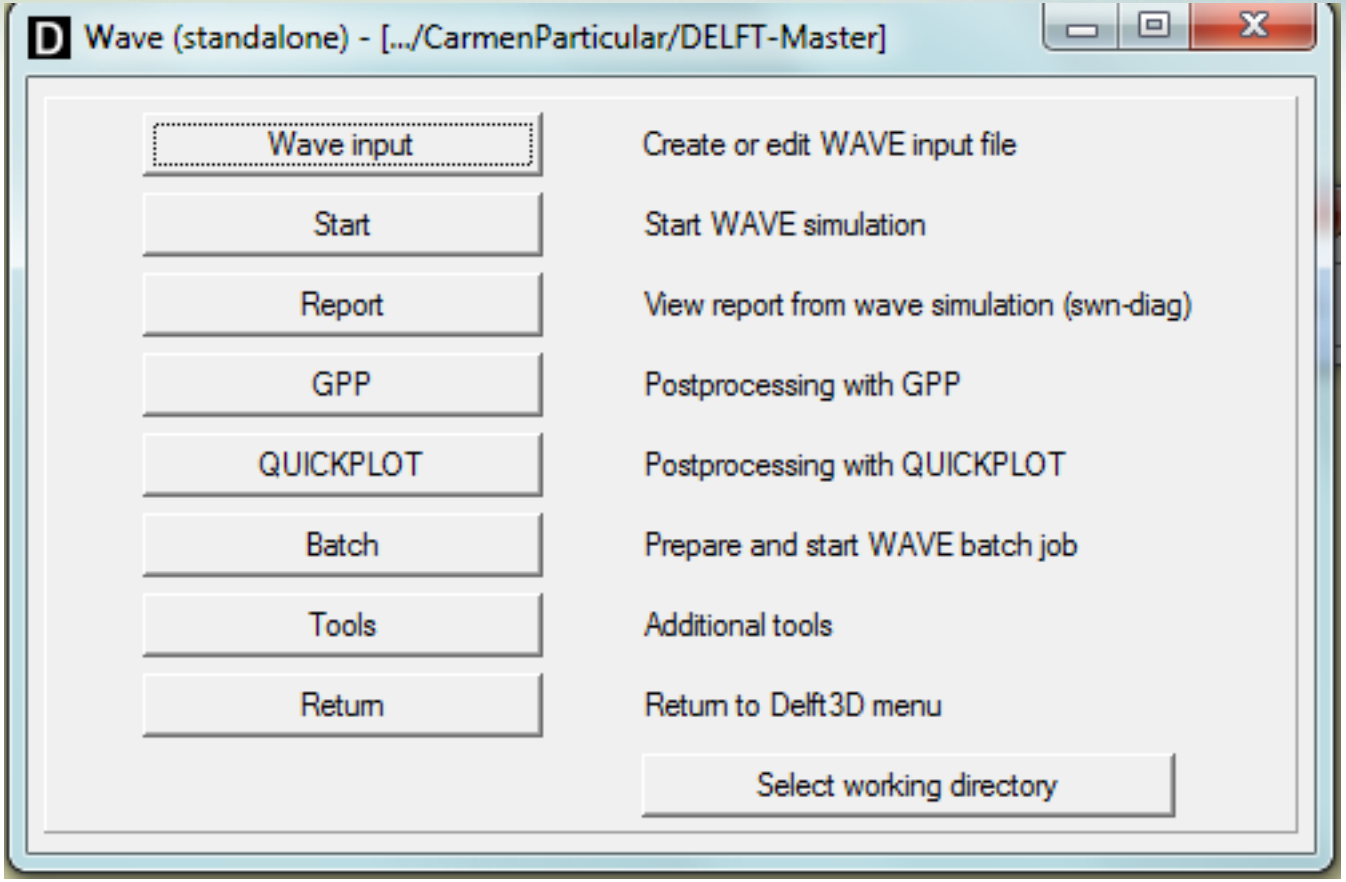

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