Model Entry form

General Information	
Acronym of the model:	
Full name of the model:	
Type of model:	☐Hydrodynamic ☐Whole Ecosystem ☐Subpart of Ecosystem
Supported platforms:	Windows ☐ Mac ☐ Linux ☐
Programming languages:	
Still maintained:	☐Yes, by: ☐ No
Most recent version	

Model structure	
☐ Needs compilation	☐ Executables are available
☐ 0D ☐ 1D	☐ 2D (horizontal) ☐ 2D (vertical) ☐ 3D
☐ Lagrangian ☐ Eulerian	Other:
☐ Mass balance included	

Model description	
Model Objective:	
Specific application: *(Please include example(s))*	
Background knowledge needed to run model:	
Basic procedures: (*Describe the procedure step-by-step*)	

Here you can add a more detailed description of the model here (up to 250 words):

Link to website(s) and/or manual:	

Model characteristics			
Input variables:	*Obligatory*:		
	Optional:		
Input file format:	ASCII ☐ .netcdf ☐ .csv ☐ .xls ☐ Other, namely:		
Output variables:			
Output file format	ASCII ☐ .netcdf ☐ .csv ☐ .xls ☐ Other, namely:		
Biogeochemical model components: (*Which nutrients, phytoplankton, zooplankton, etc., including number of different groups*)			
Model structure/mathematical framework (e.g., ODE, PDE, empirical model,...)			
Temporal resolution: (*minimal and maximal)*			
Minimal spatial resolution:			
Variables needing calibration:			
Has successfully been used in: (*e.g. Climate change scenarios, lake management support, etc. Please provide a reference*)			
☐ Climate Change Scenario			
☐ Shallow Lake/Reservoir			
☐ Deep Lake/Reservoir			

☐ Oligotrophic Water	
☐ Mesotrophic Water	
☐ Eutrophic Water	
☐ Ocean	
☐ Management Support	
☐	
Countries in which the model has been applied	
Which Institutes have applied the model	

Has coding for:		
☐ Ice dynamics	☐ Sediment heat flux	
☐ Sediment dynamics	☐	
☐ Internal waves	☐	

Accessibility		
☐ Open-Source	☐ Open-to-Use	☐ Licensed
☐ Prompt-based	☐ GUI	
☐ Test cases available		

Available tools for pre- and post-processing:	
Support: (*Community forum, mailing list, "help"-manual, contact, etc.*)	
Can be coupled to the following models:	
How can someone get access to this model: (*Please provide a URL or contact person*)	

Miscellaneous
Comments (things not covered by the form):
Useful tricks and hints for other users (on handling input files, running the model, numerics,...):
Links (*Please add links to the model's developer's website and the model's resources, like forums, manuals, support, contact,...*):

Reference list (Please add several references in which the model has been applied):	
Form was updated (YYYY-MM-DD)	