

Model Entry form

General Information	
Acronym of the model:	
Full name of the model:	
Model components:	<input type="checkbox"/> Hydrodynamics <input type="checkbox"/> Chemistry <input type="checkbox"/> Biology
Supported platforms:	Windows <input type="checkbox"/> Mac <input type="checkbox"/> Linux <input type="checkbox"/>
Programming languages:	
Still maintained:	<input type="checkbox"/> Yes, by: <input type="checkbox"/> No
Most recent version	
Model Structure and Spatial Domain	
<input type="checkbox"/> Needs compilation <input type="checkbox"/> Executables are available	
<input type="checkbox"/> 0D <input type="checkbox"/> 1D <input type="checkbox"/> 2D (horizontal) <input type="checkbox"/> 2D (vertical) <input type="checkbox"/> 3D	
<input type="checkbox"/> Flexible grid <input type="checkbox"/> Fixed grid Other:	
<input type="checkbox"/> Mass balance included <input type="checkbox"/> Catchment model	
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 <input type="checkbox"/> .netcdf <input type="checkbox"/> .csv <input type="checkbox"/> .xls <input type="checkbox"/> Other, namely:
Output variables:	
Output file format	ASCII <input type="checkbox"/> .netcdf <input type="checkbox"/> .csv <input type="checkbox"/> .xls <input type="checkbox"/> 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)	
<input type="checkbox"/> Climate Change Scenario	
<input type="checkbox"/> Shallow Lake/Reservoir	
<input type="checkbox"/> Deep Lake/Reservoir	

<input type="checkbox"/> Oligotrophic Water	
<input type="checkbox"/> Mesotrophic Water	
<input type="checkbox"/> Eutrophic Water	
<input type="checkbox"/> Ocean	
<input type="checkbox"/> Management Support	
<input type="checkbox"/>	
Countries in which the model has been applied	
Which Institutes have applied the model	
Has coding for:	
<input type="checkbox"/> Ice dynamics	<input type="checkbox"/> Sediment heat flux
<input type="checkbox"/> Sediment dynamics	<input type="checkbox"/>
<input type="checkbox"/> Internal waves	<input type="checkbox"/>
Accessibility	
<input type="checkbox"/> Open-Source	<input type="checkbox"/> Open-to-Use <input type="checkbox"/> Licensed
<input type="checkbox"/> Prompt-based	<input type="checkbox"/> GUI
<input type="checkbox"/> 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,...):	

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