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**DOCUMENTATION OF SELECTED CONSTRUCTS AND
PARAMETER VALUES IN THE
AQUATIC MODEL CLEANER**

By

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DOCUMENTATION OF SELECTED CONSTRUCTS AND PARAMETER VALUES IN THE AQUATIC MODEL CLEANER

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Abstract: Process representations critical to the phytoplankton and zooplankton submodels are described. These include constructs for: light and nutrient-limitations and their interaction, temperature, consumption, and population-age structure. Values for key parameters are documented with reference to the literature on aquatic ecology and ecological modeling. Time-course relationships of the processes affecting the phytoplankton, zooplankton, phosphorus and nitrogen compartments are presented and discussed. These serve as additional documentation and are an important result of modeling synthesis.

Full article can be found at: [http://dx.doi.org/doi:10.1016/0304-3800\(76\)90005-3](http://dx.doi.org/doi:10.1016/0304-3800(76)90005-3)