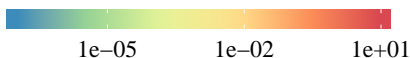


Sensitivity

*astarOMZ**astarOMA**astar490*

Optics

*nitmax**KstarO2**KO2**KNO3**KNH4**KGcdom**KG2**KG1*

Organic Matter

*volcell**vmaxP**vmaxN**umax**respg**respb**QminP**QminN**Qc**mA**Kp**Kn**ediblevector(Z1)**Athresh**aN* α

Phytoplankton

Tref(nospA + nospZ)_{p1}

Temperature

*Zumax**Zslop**Zrespg**Zrespb**ZQp**ZQn**ZQc**Zm**ZKa**Zeffic*

Zooplankton

Ammonium

Chlorophyll

Dissolved Oxygen

Irradiance

Nitrate

OM1

OM2

Phosphate

State variable

Parameter