

Lake eutrophication and environmental change: A viability framework for resilience, vulnerability and adaptive capacity



effects.

such as resilience, vulnerability and adaptation.



$$\begin{cases} P(t+1) = P(t) + \left[-b.P(t) + L(t) + r \frac{P(t)^8}{m^8 + P(t)^8} \right] . \Delta t \\ L(t) = L^* + w(t) \text{ where } w(t) \sim \mathcal{N}(0, \sigma) \\ L^*(t+1) = L^*(t) + u. \Delta t \end{cases}$$

Where:



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