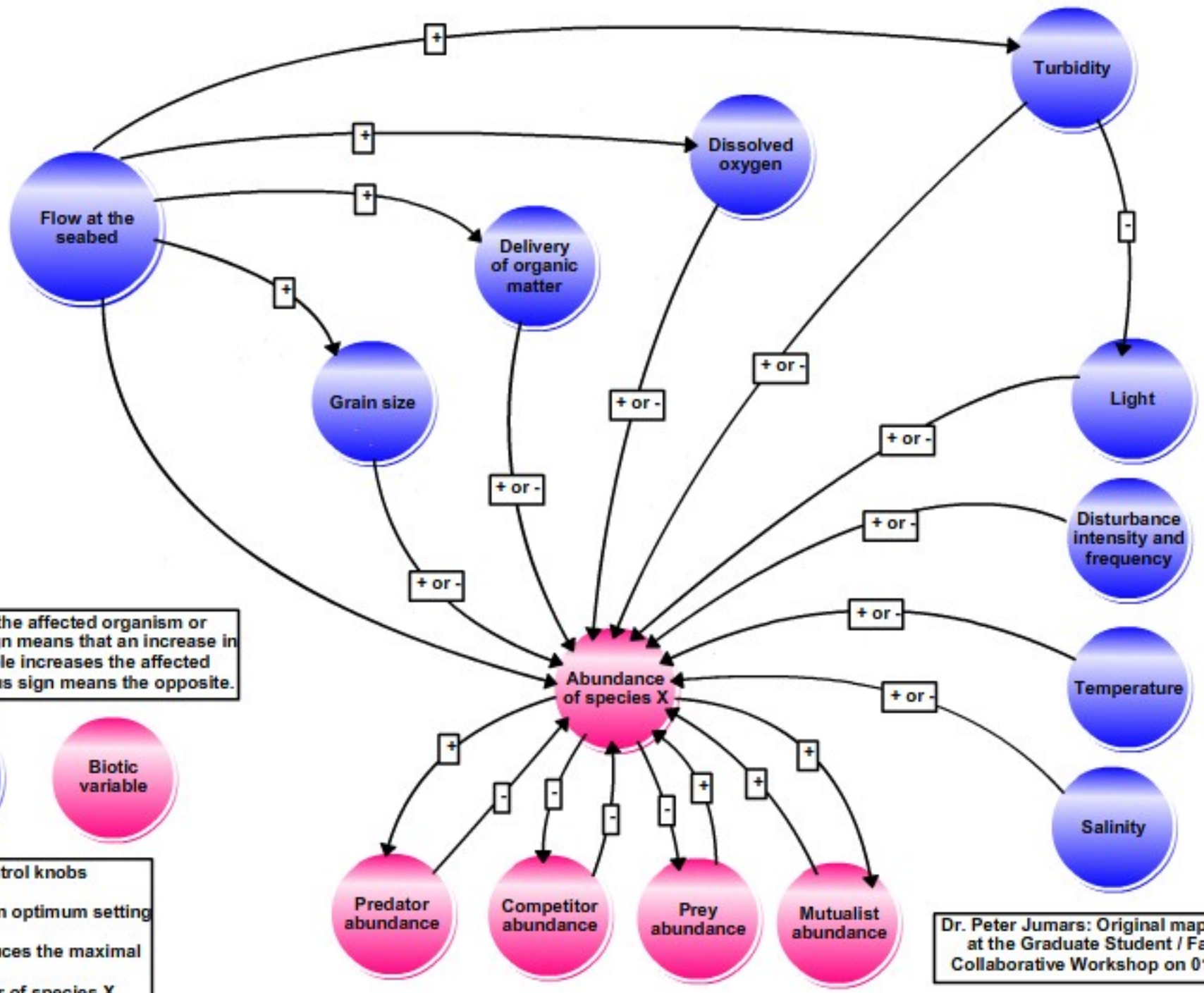


**How do benthic organisms respond to changes in both abiotic and biotic factors in the environment?
How does this contribute to their distribution? (mud and sand)**



Arrows point to the affected organism or variable. A plus sign means that an increase in the causal variable increases the affected variable, and a minus sign means the opposite.

Abiotic variable (blue circle) **Biotic variable** (pink circle)

Control knobs
Each has an optimum setting that produces the maximal number of species X

Dr. Peter Jumars: Original map created at the Graduate Student / Faculty Collaborative Workshop on 01/29/10.