

Review of Conceptual Ecosystem Model

Scientific and
Statistical Committee

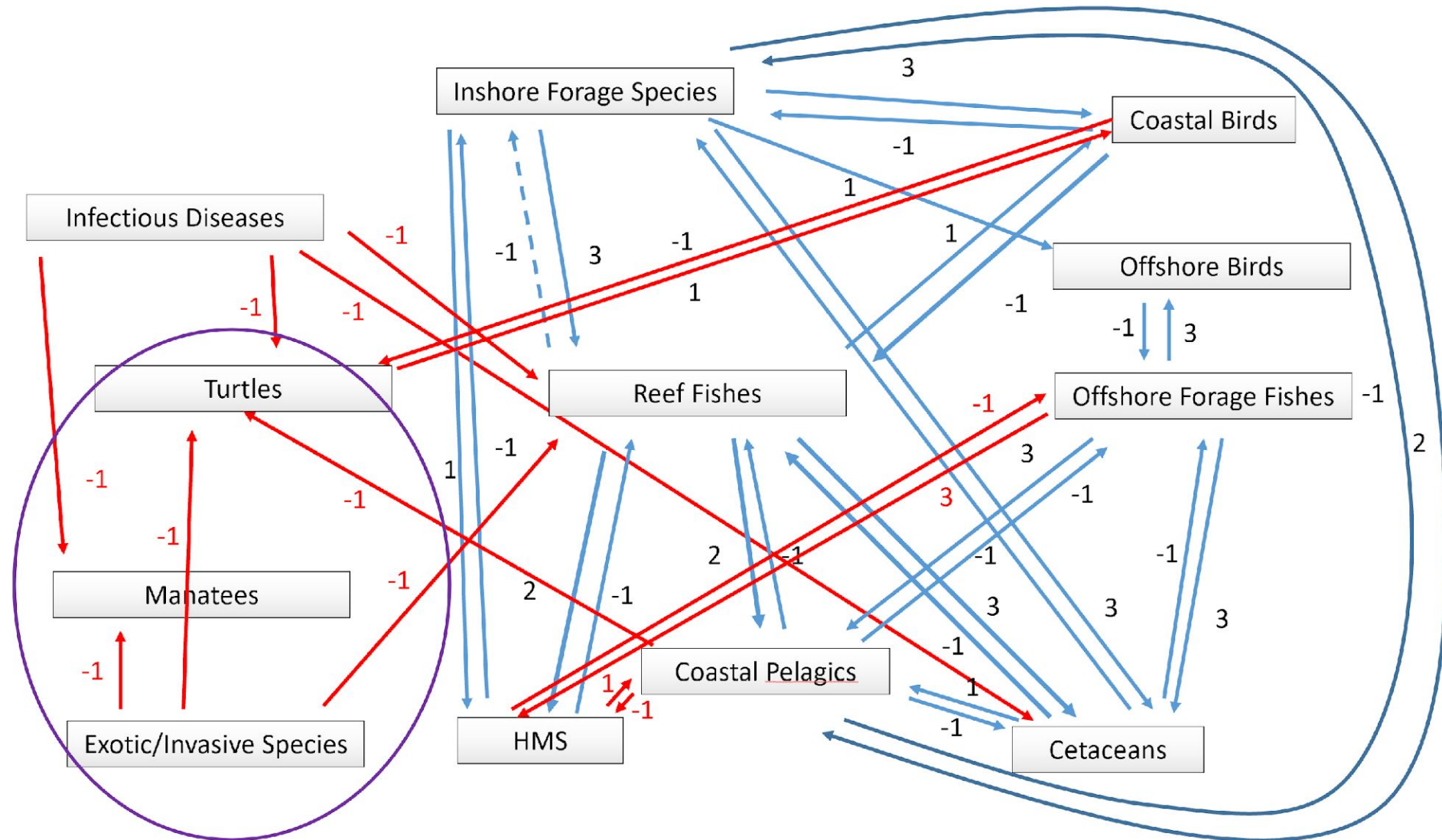
Model has 8 Submodels

Submodels have variable number of components

- **Marine Ecosystem Components (12)**
- **Competing Use of Resources (15)**
- **Socio-economic and Cultural Drivers (16)**
- **Land-Based Uses (8)**
- **Fishing (10)**
- **Water Quality (6)**
- **Habitat (5)**
- **Abiotic Factors (9)**

Marine Ecosystem Components

SSC Meeting (May 18-22, 2020)



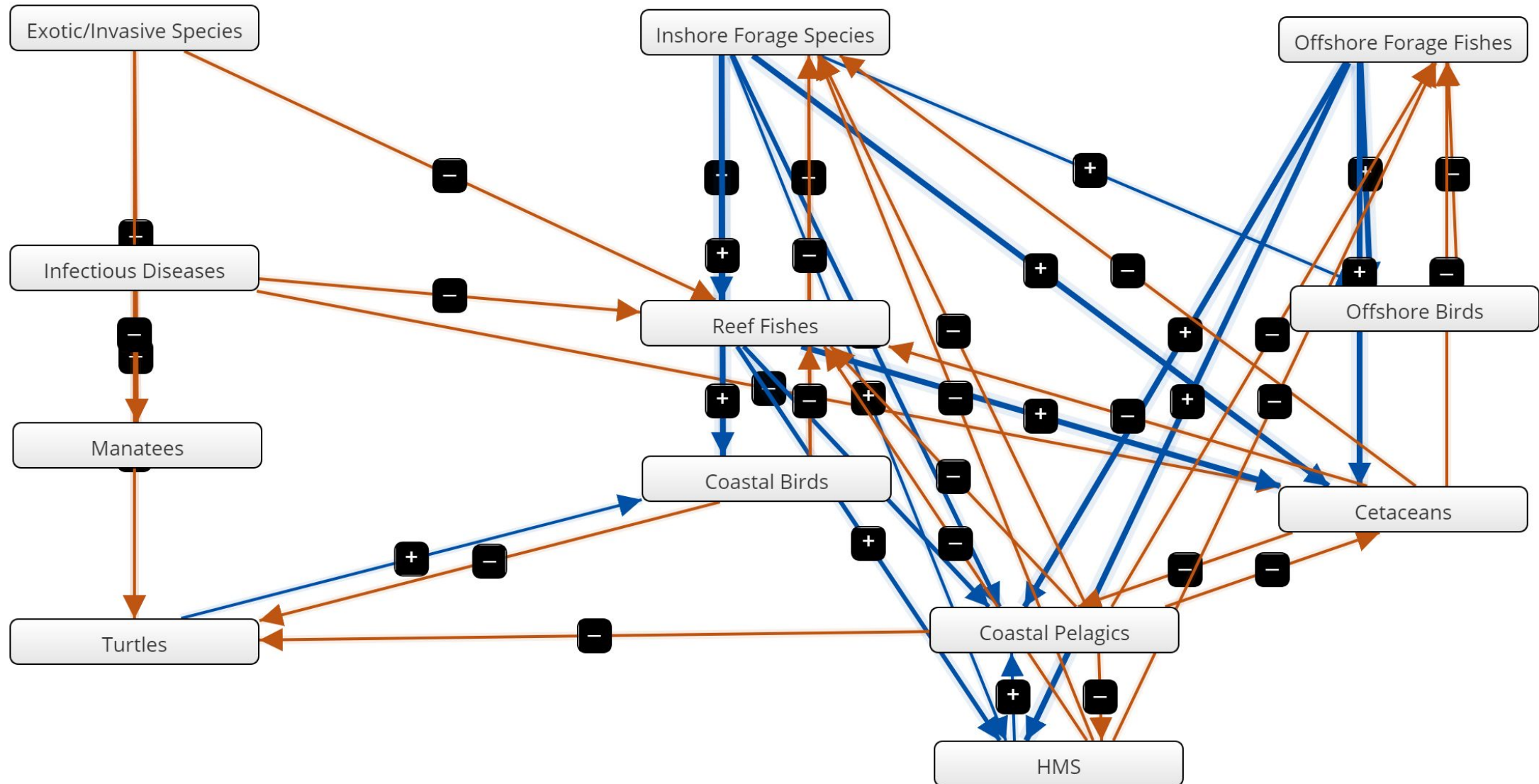
Marine Ecosystem Components

SSC Meeting (May 18-22, 2020)

	Infectious Diseases	Exotic/Invsive	Manatees	Turtles	Inshore forage	Reef fishes	Coastal Birds	Offshore forage	Offshore birds	Cetaceans	HMS	Coastal Pelagiecs
Infectious Diseases			-1	-1		-1				-1		
Exotic/Invsive Species			-1	-1		-1						
Manatees												
Turtles							1					
Inshore forage speies						3	3		1	3	1	2
Reef fishes					-1		1			3	2	2
Coastal Birds				-1	-1	-1						
Offshore forage species									3	3	3	3
Offshore birds								-1				
Cetaceans					-1	-1		-1				-1
HMS					-1	-1		-1				1
Coastal Pelagiecs				-1	-1	-1		-1		-1	-1	

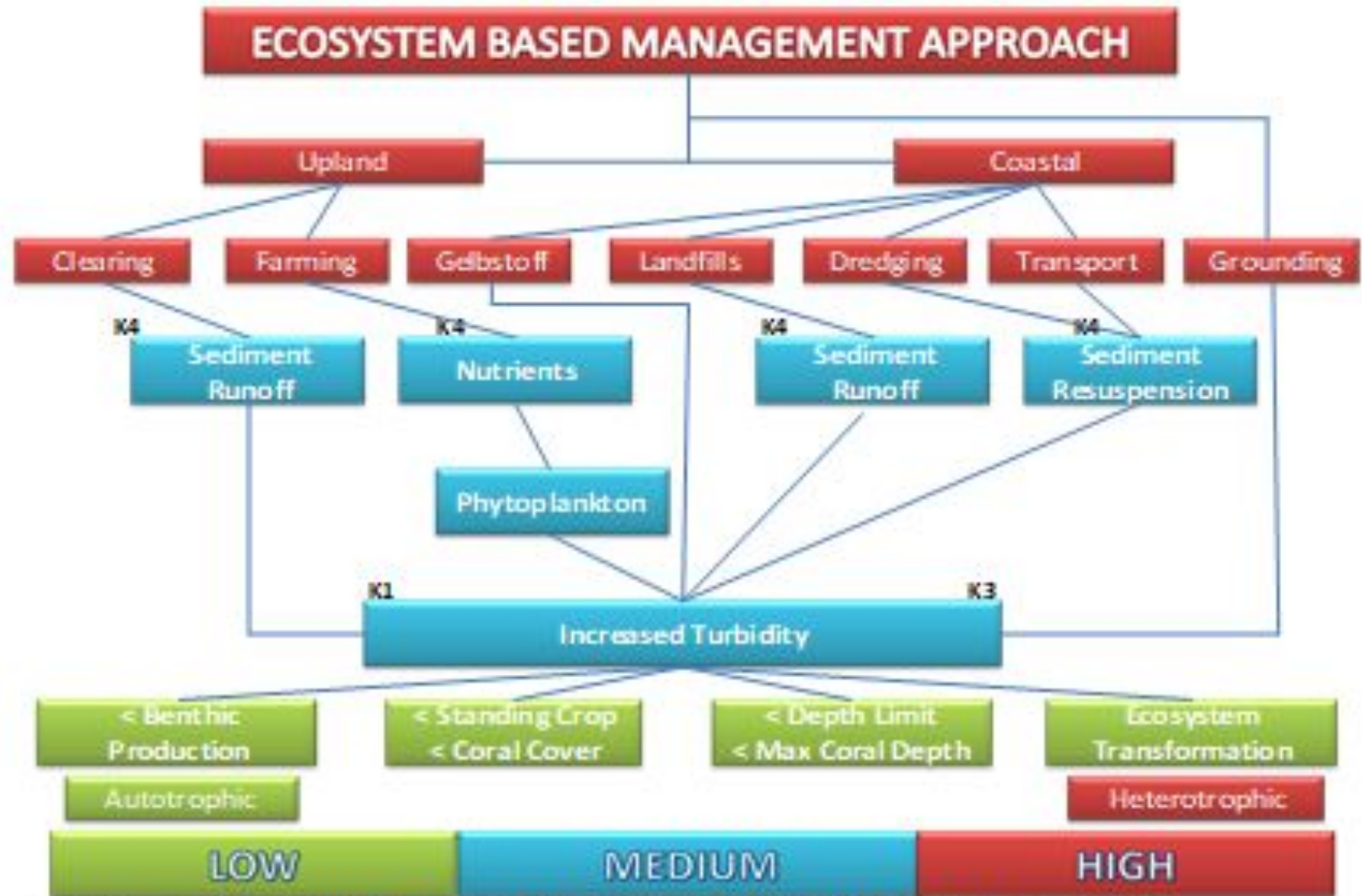
Marine Ecosystem Components

Mental Modeler View

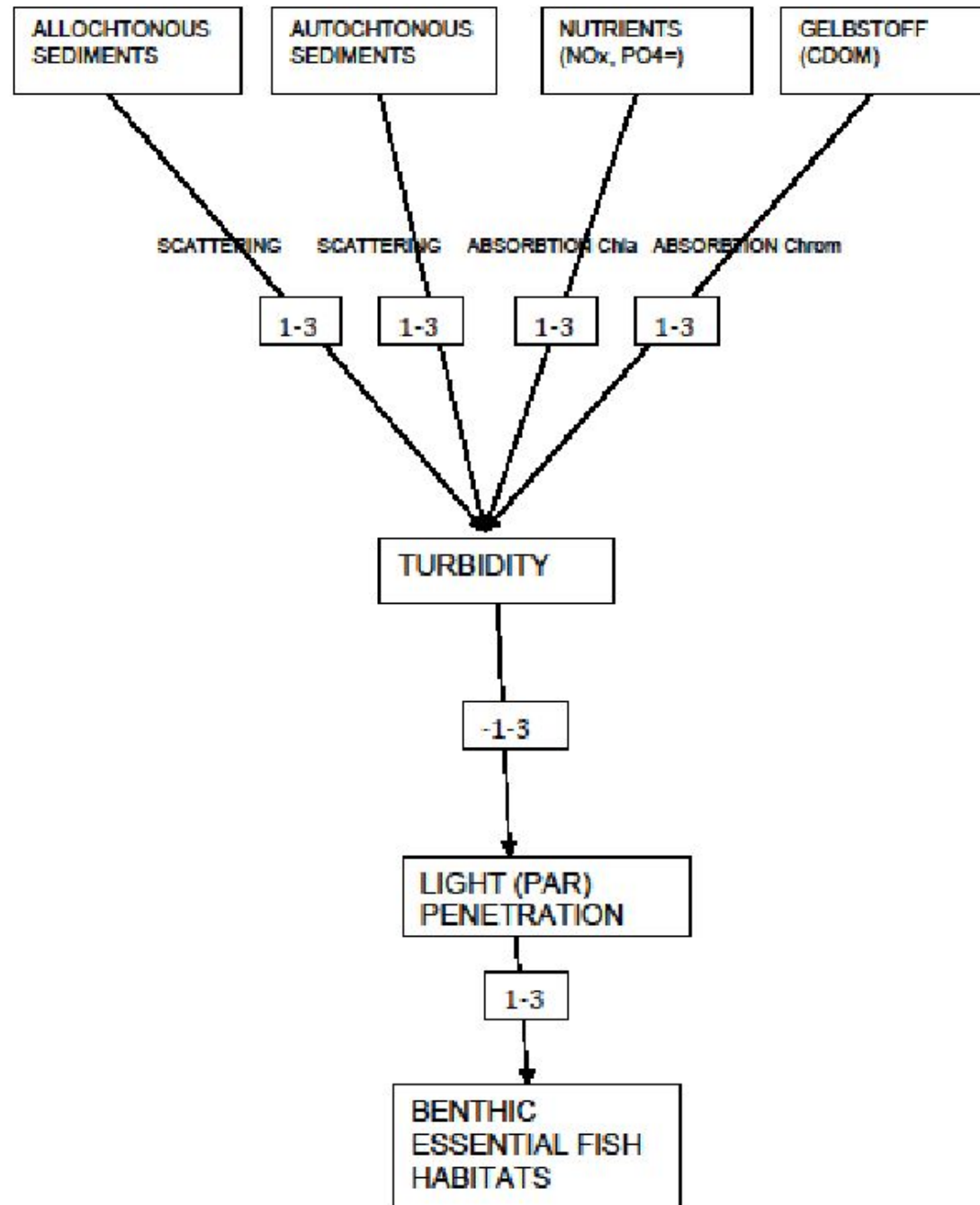


Model of Factors Affecting Turbidity

Type of inputs relate to both source and impacts



Simplified Model



SSC (2019)

