

http://www.hhmi.org/biointeractive/trophic-cascades-salt-marsh-ecosystems



Connecting the Content

What concepts and processes are discussed in the video about species biomass and productivity?



http://www.hhmi.org/biointeractive/trophic-cascades-salt-marsh-ecosystems https://undsci.berkeley.edu/article/scienceflowchart

UNDERSTANDING GLOBAL CHANGE ICONS

Agricultural activities	Burning of fossil fuels	Deforestation/ reforestation	Distribution of continents & oceans
Earth's spin, till & orbit	Extraction of resources	Fishing & hunting	Freshwater
Habitat loss/ restoration		Invasive species	Meteorite
Mountain	Renewable energy	Solar radiation	Pollutants &waste
Population growth	Urbanization	Volcanism	Absorption/ reflection of sunlight
Atmospheric circulation	Carbon	Climate	Earth's internal heat

1. Working in pairs, identify the 3-4 measurable changes (blue icons/ words) most relevant to Brian Silliman's research from your icon stack.

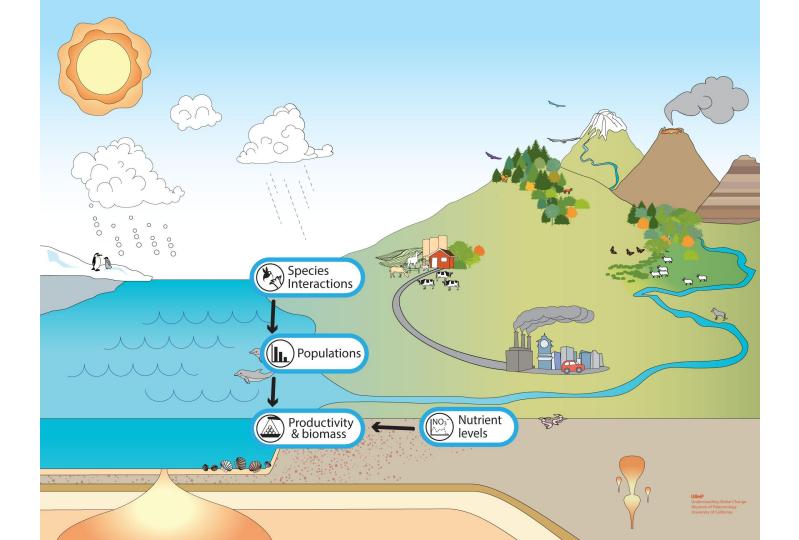




- Identify the 3-4 measurable changes (blue icons/ words) most relevant to Brian Silliman's research from your icon stack.
- 2. Place the icons you selected on the storyboard.
- 3. Draw arrows to represent cause/effect, inputs/outputs, relationships, etc.
- 4. Label the arrows to explain the connections.







- Identify the 3-4 earth systems (yellow icons/ words) most relevant to Brian Silliman's research from your icon stack.
- 2. Place the icons you selected on the storyboard.
- 3. Draw arrows to represent cause/effect, inputs/outputs, relationships, etc.
- 4. Label the arrows to explain the connections.

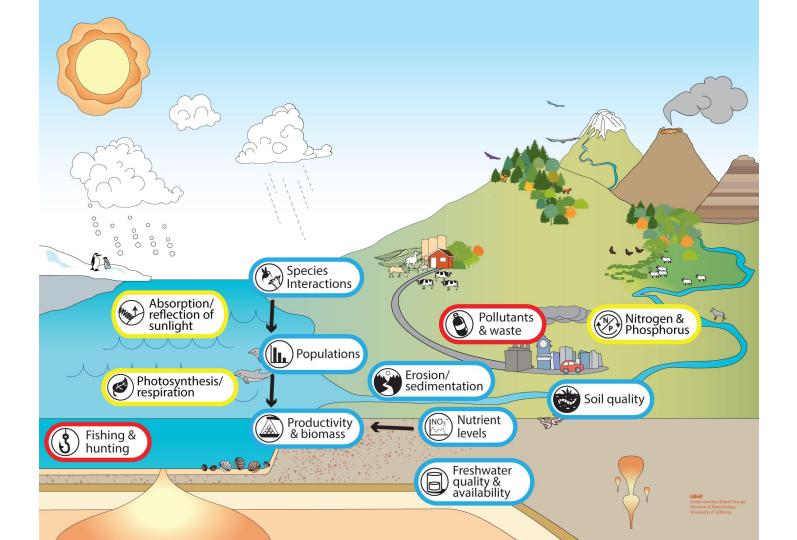




- Identify the 3-4 causes of change (red icons/ words) most relevant to Brian Silliman's research from your icon stack.
- 2. Place the icons you selected on the storyboard.
- 3. Draw arrows to represent cause/effect, inputs/outputs, relationships, etc.
- 4. Label the arrows to explain the connections.







Collaboration

•At your tables, share the storyboard for your coastal region and explain the connections between topics.



•What are the differences between the storyboards?

