



By Liz Duff 2005

Investigate: Climate Change & Striped Bass

Climate change is affecting all life on the planet, including striped bass.

What ways will a changing climate impact striped bass?

Consider: Changing temperature, changing salinity, changes in prey's responses to those things, competition for prey, changes in ocean current. What else?

Your team is responsible for investigating one of those things in relation to its impact on Striped bass, and is responsible for teaching the rest of the class about it.

Consider the question:

Currently Striped Bass are known to spawn in 3 major areas on the East Coast: Chesapeake Bay, Delaware Bay, Hudson River.

One might predict that because of global warming, these places may become too warm for striped bass to continue to thrive. One form of evidence of this is increased disease in striped bass populations.

**Management Question:**

Should humans begin to attempt to "stock fish" to encourage striped bass to reproduce in new areas further north?

Scientists:

Investigate: Are there places that have the optimal temperatures and salinity levels further North? Where are they? How big are they?

Consider the interests of humans, and other beings.

Who might have an opinion about whether this is a good idea?

Lobster-fishermen:

Sport-fishermen:

Ecologists:

Prey species in the area:

Seals: (Another competitor)

Be prepared to present testimony from this group's point of view. You may interview members of the group, seek information on the internet, and investigate scientific data.