

Name: _____ Date: _____ Teacher: _____ Period: _____

If you worked with other students, their name(s): _____

Directions: Draw 2 arrows from each evidence box, one to each model. You will draw a total of 8 arrows.

Key:

	The evidence supports the model
	The evidence STRONGLY supports the model
	The evidence contradicts the model (shows its wrong)
	The evidence has nothing to do with the model

Evidence #1
Wetlands play a role in the global cycles of carbon, nitrogen, and sulfur. Wetlands change these nutrients into different forms necessary to continue their global cycles.

Model A
Wetlands provide ecosystem services that contribute to human welfare and help sustain the biosphere.

Evidence #3
Wetlands contribute 70 percent of global atmospheric methane from natural sources.

Evidence #2
Flooding is a natural occurrence in low-lying areas and wetlands are places where floodwaters can collect.

Model B
Wetlands are a nuisance to humans and provide little overall environmental benefit.

Evidence #4
Many wetlands are located in rapidly developing areas of the country.