

# THE CLIMATE IS CHANGING! WHAT ARE THE CONSEQUENCES FOR OUR COASTAL

Link to our exhibition. "Louisiana's Present: Bird life on a coastal sand"

#### THE CLIMATE IS CHAN

The Earth's surface temperature has risen by about one degree Fahrenheit in the past century, melting ice caps and causing a global sea level rise of 4-8 inches. One-full list is predicted for 2050 obserting Get Coff Movies. This rise well minuted we want to the coefficient of the doctors and intensify flooding. If we don't act, places such as the coefficient standard on the coeff of Louisiana will soon be part of the past!

## global warmin

weather! When you listen to the news, you hear about what the weather will be like today or the cold, hot, etc). The climate is the long-term average a region's weather events. For instance, Louisiana is a state will always a property of the cold.

Global warming means that the average temperature of the Earth has increased by the Late 1°F over the past 100 years of course, Earth's climate has been evolving naturally since its beginning to the important temperature.

How do scientists investigate changes in the Earth's climate? They can study fossils present the can study ice cores from the poles and the cas unuse what rensures; when hallows and even satellites.

One factor that increases the Earth's temperature is the Greenhouse Effect. Greenhouse gases trap energy from the sun in the atmosphere. The most common greenhouse gases are water vapor, carbon dioxide, nitrous oxide, and methane. They are called greenhouse because they act very



### the sun energy inside. Som

Greenhouse Effect is bad for us, but that's not true. With it, the Earth would not be warm enough for us to live in. Actually, it could be as much as 60°E cold be true in the intermediate of much gas in the atmosphere (industrial pollution, car exhaust, electrical powers of gas present in the atmosphere by cutting tree.

### But it is not too late. We can all make a difference by

helping reduce the emission of greenhouse gases (save electricity, recycle, bike instead of drive, plants and plants are sent as a sent and plants are sent as a sent





The following questions on climate change, draw a line between the text/questions and the images/answers.









1 1 2

	ME 2: TEST YOUR KNOWLEDG	E		
Check in the box with the correct answer.  Question 1:		Question 6: When in history did humaña start to add lots of greenhouse plus gases to the atmosphere?		
	h of these is an example of climate?	gueco	to an annopriore.	
	A windy day A rainy day A hot summer A sunny day	Ques	The little Ice Age The Great Depression The Industrial Revolute Mesozoic Era	
Qu^s W	fion 2	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	YW     UU   <mark>  ■            </mark>	
	In the atmosphere In the mountains In outer space In the soil		Riding in a car Riding your bike Walking Sailing	
Question 3: Which one of these is a greenhouse gas?		Vol., Sizestion 8: vvnáť ud scientistš study in druer to leafn more apodit: ** past climate?		
	Oxygen Carbon dioxide Wind Sulfur dioxide		Sediments Ice Tree (**)	
Question 4:			All C.	
□ One hundred years		why have plants and animals been able to changes in climate in the past?		
	One million years One billion years Five billion ye		Humar sected them from classics	
Question 5: What's one reason why scientists think that the sea level is getting higher?			plants and animals to adapt The Climathakerias'i ricruitariyeu'tir merbasi; slopta a III. animals did not have to adapt to a new environment	
	Ships make tigen at a transfer to the sea		and animals always benefit from changes in currente	
	The ozone in John Is many in the occess  All of the above	OCC CO	How can you help to slow global warming?	
			Save electricity	
The o	content of this en was heard o	1 10	Recycle	
	PA climat			

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