ANSWER THESE QUESTIONS

Regularly Occasionally Exceptionally	YOU GO TO THE BEACH?		
	R SEEN A LARGE SPREAD AE OR FOAM ON THE		
DOES THE PRESENCE OF FOAM OR GREEN ALGAE ON THE BEACH BOTHER YOU? Not at all A little A lot			
IF SO, IN WHAT DEGREE WOULD THIS PHENOMENON PREVENT YOU FROM COMING BACK ON THE BEACH?			
FOAM UP TO: The ankle Knee Thigh	Spared spots A few meters A hundred of meters		

TO YOU, FOAM/GREEN ALGAE ON THE BEACH OR IN THE SEA:

	Yes	No No idea	
It smells bad			
It is dirty			
It looks beautiful			
It pollutes the water we swim in			
It is dangerous to Man and animals			
TO YOU, THIS PHENOMENON IS	:	•••••••	
	Yes	No No	
A patural higherical phonomonen	Tes	idea	
A natural biological phenomenon			
A phenomenon linked to an accidental pollution			
A phenomenon caused by human activities			
WHICH WOULD COME FROM:			
	Yes	No No idea	
A pollution of the soils (fertilizers)			
Water pollution (industrial or domestic detergents)			
Climate change (increase in temperatures)			
••••••	•••••	•••••••	
DO YOU KNOW THE PHENOMEI			
EUTROPHICATION IN COASTAL	ARE	AS?	
Not at all			
A little			
Very well			

WHAT IS EUTROPHICATION?

Algae grow in the sea sustained by nutrients and light. But, when there are too much nutrients in the water (nitrates and phosphates), the algae overgrow and disturbs the marine environment.

This enhanced growth of algae phenomenon is called eutrophication. Depending on the environment (quiet bay or rough seas) and the type of algae, it can be observed in different forms:

GREEN TIDE

OR

FOAM



MACROALGAE



MICROALGAE

Eutrophication causes a deterioration in water quality. The phenomenon is spreading in space and time in the North Sea and the English Channel.

The nutrients responsible are mainly due to human activities.

WWW.ISECA.EU

BECOME A SENTINEL OF EUTROPHICATION

When you see a proliferation of green algae or foam, take a picture and send it to us with the date and place of your observation at:

EDUCATION@NAUSICAA.FR

CAROLIEN.KNOCKAERT@VLIZ.BE



August 2009 - Nord Finistère (29), Brittany - France



January 2013 - Wimereux (62) - North of France

TO HAVE MORE INFORMATION

Scientists from various institutions and research disciplines are united in a European project called ISECA (Information System on Eutrophication of our Coastal Areas).

For decades, they observed the algae development on the coastline individually with their own scientific tools. Thanks to ISECA, their knowledge is now brought together in a single database in order to anticipate the phenomenon evolution and to inform the authorities and the stakeholders so they can take appropriate measures.





Observation from space

In situ measurements



THOSE EXPERTS
ANSWER YOUR QUESTIONS
ON THE WEBSITE:
WWW.ISECA.EU

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iseca

WHY DOES

THE SEA PRODUCE

FOAM?

A cross discipline and cross border integrated project on coastal eutrophication offering information, education and science to stakeholders and the public at large in the Interreg 2 Seas Zone (Belgium, England, France and the Netherlands).