

### Текст 3с

#### **1. Прочитайте текст:**

Those who worry about climate change worry about many things: rising temperatures, rising sea levels, changes in rainfall and stronger storms. One of the things they worry about most is changes in the circulation of the ocean's currents. That is because these currents are the main way that heat is redistributed from the tropics, where there is a lot of it, to the polar regions, where there is not. If the currents shifted, it would mean that temperatures in some parts of the world changed much more than they would merely as a result of the local atmosphere warming up as heat-trapping greenhouse gases accumulate. It could mean that in some places temperatures fell, rather than rose.

One of the places that both history, in the form of sediment records and ice cores, and computer models suggest is vulnerable to such a fall is north-west Europe. And a paper in *Nature*, by Harry Bryden and his colleagues at the National Oceanography Centre in Southampton, Britain, suggests that history may be about to repeat itself. It states that the North Atlantic currents which keep the region warmer than its latitude suggests it deserves have weakened significantly over the past decade.

Dr. Bryden's research shows that the result for places such as Britain would be a 1°C drop in average temperature – enough to be noticeable. If the Gulf Stream, which carries warm water from the Gulf of Mexico to the edge of the Arctic Ocean, stops altogether, as it has in the past, Britain's climate would come to resemble that of Newfoundland. If it happens, and you live in north-west Europe, it may soon be time to wrap up warm.

#### **2. Ответьте на следующие вопросы к тексту, избегая цитирования текста:**

1/ How is the circulation of the ocean's currents described in the text?

2/ What has Dr. Bryden's research shown?

3/ Why can average temperature in north-west Europe drop?

#### **3. Выразите ваше мнение по следующему вопросу. Напишите 200 – 250 слов, избегая цитирования текста:**

Climate change can have a disastrous environmental impact in some parts of the world.