much mass due to climate change that the earth's crust is rising in the region, The vast Greenland ice sheet has lost so

crust and the liquid mantle below, but as the ice melts this force is being resands of years it has crushed the earth's largest repositories of ice. For thouthick at one point, is one of the world's tivity that could affect the UK, an expert has warned. increasing the risk of severe seismic ac-The sheet, which is almost two miles

Chelmsford.

bigger tsunami risk in the North Atlan-tic," he said. Something similar happened about could produce a tsunami that would reach Britain. "As the ice melts and ger an underwater landslide, which Greenland comes up you will have a

ogist at University College London, told the British Science Festival in earthquakes, Bill McGuire, a volcanoling upwards, increasing the risk of duced. As a result the crust is reboundiggered by melt

In the worst case, a quake would trig-

Scotland collapsing beneath the sea. a piece of continental shelf the size of Norway appears to have contributed to 8,200 years ago, when a loss of ice in

experts have estimated that the water would have travelled up to 20 miles debris it left behind in Aberdeenshire, was about 20ft high. By analysing the travelled at almost 80mph towards the UK. By the time it reached Scotland, it Storegga tsunami; a wall of water that This created what is known as the

Farther south, the tsunami devastat-

279 billion tonnes of ice a year. 2020 Greenland shed an average of Nasa has estimated that from 2002 to

and Britain is in the line of fire. I'm not slides which will generate tsunamis the potential to trigger submarine landyou see big earthquakes, you have what they call a seismic response in the Greenland area within decades. And if worked on this have speculated about McGuire said: "People who have

gland and is now under the sea. which was then attached to east Ened a region known as Doggerland,

over the course of the last 10,000 years, McGuire said. dinavia bouncing back by a kilometre, ciers of the last ice age. "You had Scaning upwards after the retreat of the glanorth of England is still slowly springeffect on the crust is not a new idea: the climate change today is affecting the going to say that's going to happen next year or anything like that but the fact that the whole North Atlantic region has come up is a great example of how solid earth." That immense bodies of ice have an

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ng Greenland ice sheet could hit UK