

**WRITTEN QUESTION TO THE MINISTER FOR TRANSPORT AND TECHNICAL  
SERVICES BY THE DEPUTY OF ST. MARY  
ANSWER TO BE TABLED ON TUESDAY 17th MAY 2011**

**Question**

What work, if any, has the Department carried out with respect to the prediction of tidal surges and preventing damage to the Island from them?

**Answer**

The department commissioned HR Wallingford in 2009 to carry out a study to predict the effects of climate change on Jersey's coastal defences.

In order to assess overtopping and flood risk, the study determined the joint probability return periods for water levels and wave conditions at different sites around the Island. This calculation included a surge component.

TTS are working on a long term programme of projects designed to reduce future flood risk.