

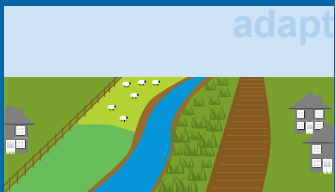
What can be done?

There are five core principles which will help us to develop possible solutions



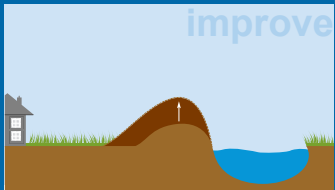
Be prepared

(e.g. flood warnings, emergency procedures)



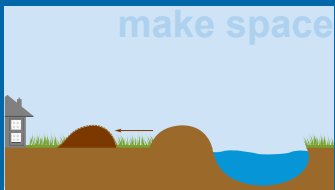
Adapt to floods

(e.g. flood resilience measures, planning controls)



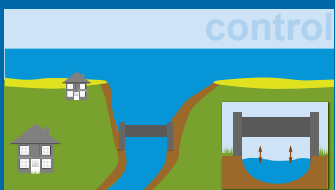
Improve existing protection

(e.g. build on existing embankments)



Make more space

(e.g. build new banks in new locations)



Control the tide

(e.g. build barriers)

What happens next?



Want to have your say or find out more?

To fill in a questionnaire and say how you think tidal flood risk should be dealt with in the area, or to read our Frequently Asked Questions (FAQs), visit:

<http://www.environment-agency.gov.uk/dee>

Please return all completed questionnaires by **10 January 2010** by post or email to: **Dee Flood Consultation, Environment Agency Wales, Llwyn Brain, Parc Menai, Bangor, LL57 4DE**

dee@environment-agency.gov.uk

For all other information contact Angela Gray:

angela.gray@environment-agency.wales.gov.uk

Telephone:

08708 506 506 (Mon-Fri, 8am - 6pm)

For the hard of hearing a minicom service is also available by calling **08702 422 549**



Asiantaeth yr
Amgylchedd Cymru
Environment
Agency Wales

How can we manage the risk of tidal flooding from the River Dee estuary?



This leaflet is also available in Welsh
Mae'r daflen hon ar gael yn Gymraeg hefyd

What's the problem?

Climate change is happening; sea levels are rising and studies have forecast larger and more frequent flood events in north Wales.

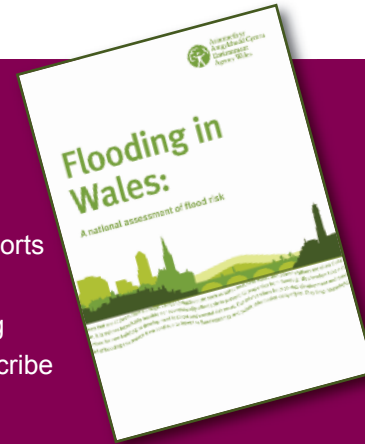
The coastline from Pensarn, near Abergele, around the Point of Ayr and down the Dee estuary is recognised as being most at risk of tidal flooding. The area is home to tens of thousands of people and a large number of businesses.

It is vital that people in the area have their say on how to develop plans to deal with the growing threat that climate change brings to the area.



How can I be sure there's a problem?

The vast majority of experts agree that there is a growing risk of tidal flooding. A number of reports bring together our latest scientific and engineering knowledge to clearly describe these risks.



Our recent study, 'Flooding in Wales: a national assessment of flood risk' identifies a number of areas as being 'at risk' within Wales.

It showed the importance of understanding the flood risks we face so that we can be better prepared in the future.

Its main findings were that in Wales:

- ▶ About **one in six** buildings are at risk of flooding
- ▶ More than **357,000 people** live in properties that are at risk of flooding from rivers or the sea
- ▶ **137,000 properties** are in danger of surface water flooding alone

The full study can be downloaded from www.environmentagency.gov.uk/research/library/publications/108958.aspx

What is being done to tackle the problem?

We must agree how we can adapt, control, improve and generally prepare the area for dealing with tidal flooding in the long term.

Since March 2009 we have worked with Local Authorities and others to make sure we know about everything that needs to be considered. This process was called the Strategic Environmental Assessment (SEA).

Between now and the end of the year we are talking to local people to gather their views on how to live with this risk in the future.

Next year we will review what you tell us and what we have learnt from our technical and environmental studies. Next summer we will let you know what all this information told us and what we think we should do as a result.

At that time we will ask you again what you think about the different approaches to tackle the risk of flooding.