

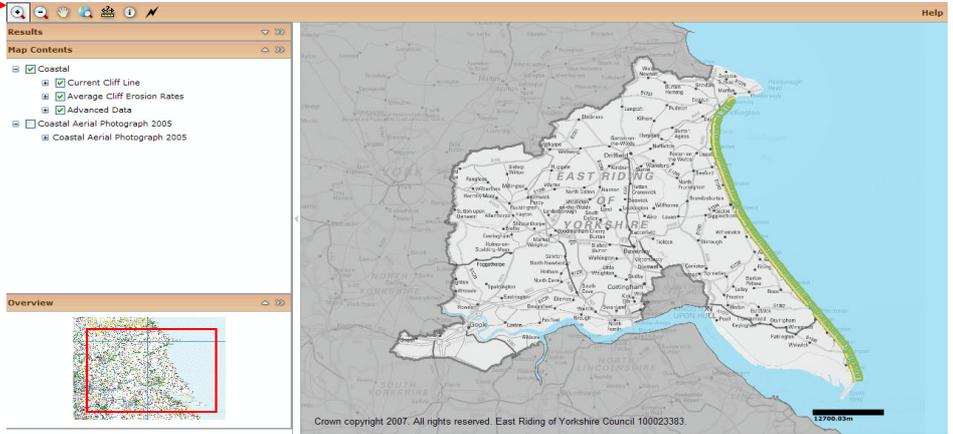


# How to Calculate Approximate Cliff Erosion Rates...



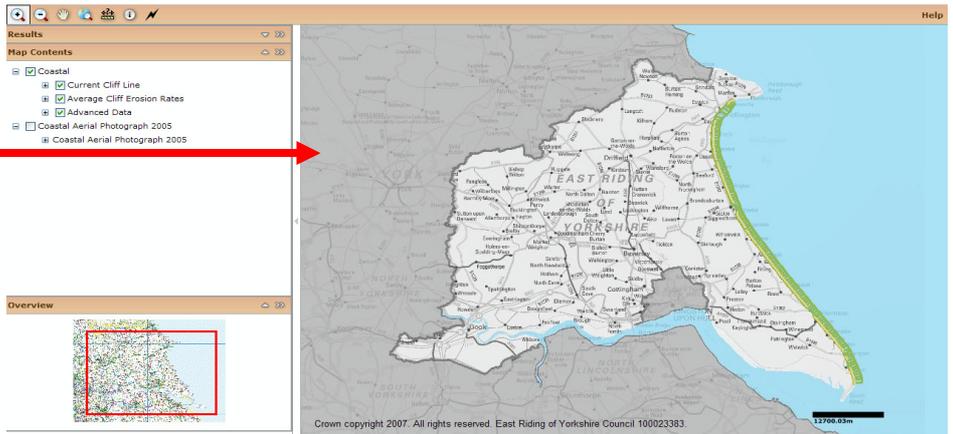
Click on the **'Zoom In'** button at the top left hand corner of the screen.

The **'Zoom Out'** button works in the same way as the **'Zoom In'**, only in reverse



Move your mouse pointer over the **main map window**.

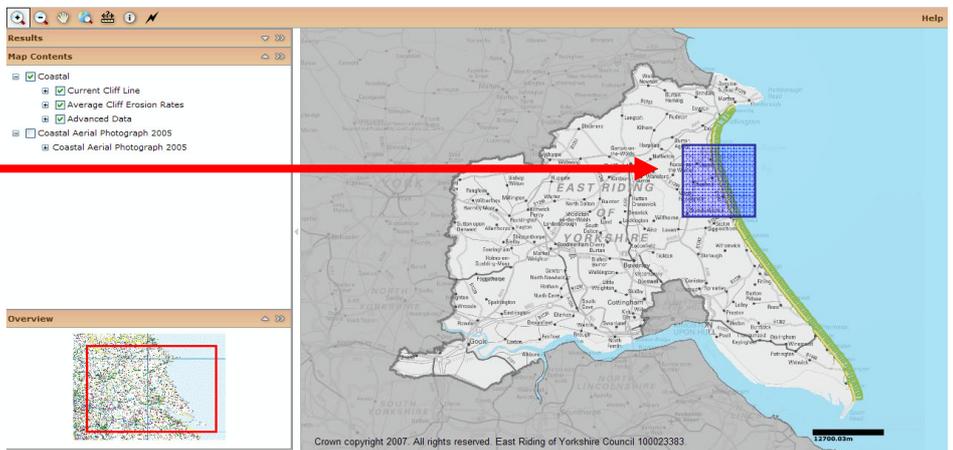
When over the **main map window**, the pointer will change to a **+** symbol.



Imagine a box around the area you wish to look at.

Press and hold your left mouse button in the **top left-hand corner** of your imagined box.

Drag a box to the **bottom right-hand corner** of your box.



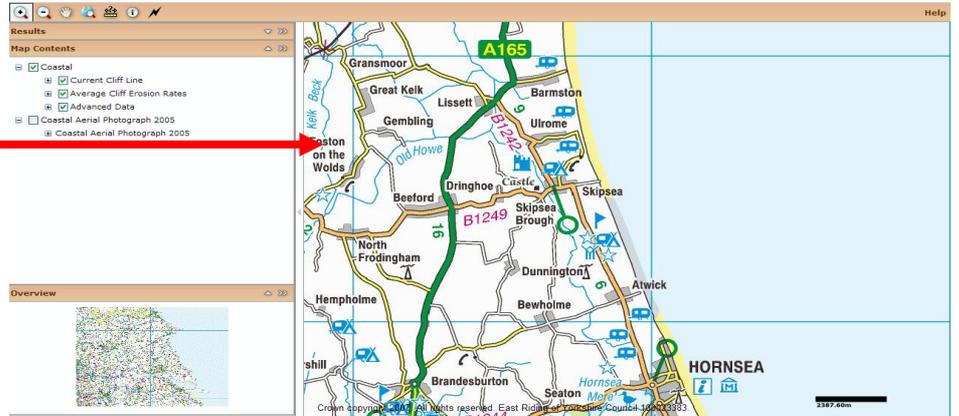


# How to Calculate Approximate Cliff Erosion Rates...



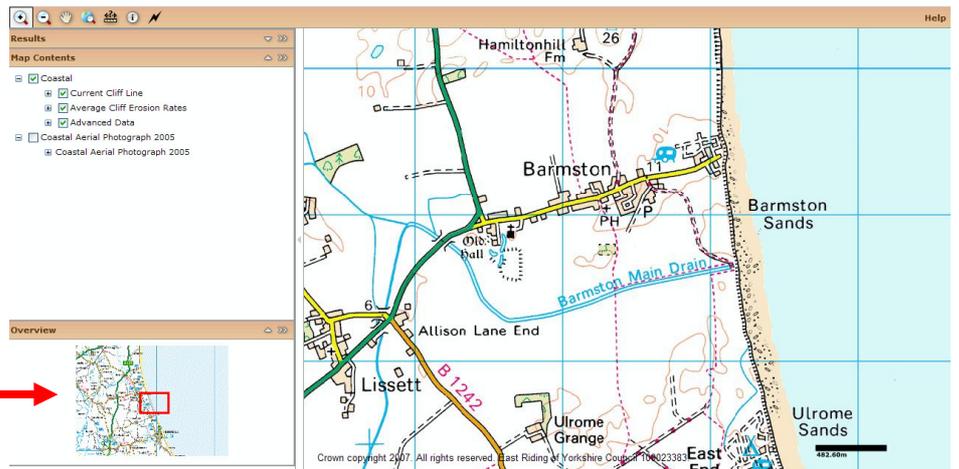
The main map will zoom to the box you have just selected.

Repeat the procedure to 'Zoom In' on the specific location you are interested in



The 'Overview' window, at the bottom left of the screen, will always show the location you have zoomed to.

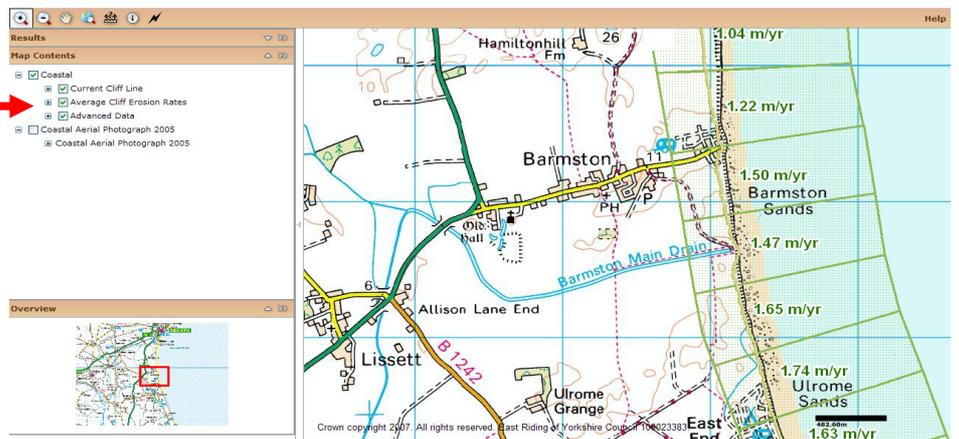
Some maps display more quickly than others. The background maps will display instantly, while other maps will take a little longer to appear



The 'Current Cliff Line' and 'Average Cliff Erosion Rates' will appear automatically, as long as they are 'ticked'.

The 'Average Cliff Erosion Rates' are labeled in meters per year.

If the mouse pointer has an 'Egg Timer' against it, there are still maps loading





# How to Calculate Approximate Cliff Erosion Rates...



If you need to move around the map, without changing the scale, click on the **'Pan Hand'** tool

To **'Pan'** the map, hold down your left mouse button and drag the map in the direction you wish to see

After panning the screen, some maps will take a few moments to re-draw themselves

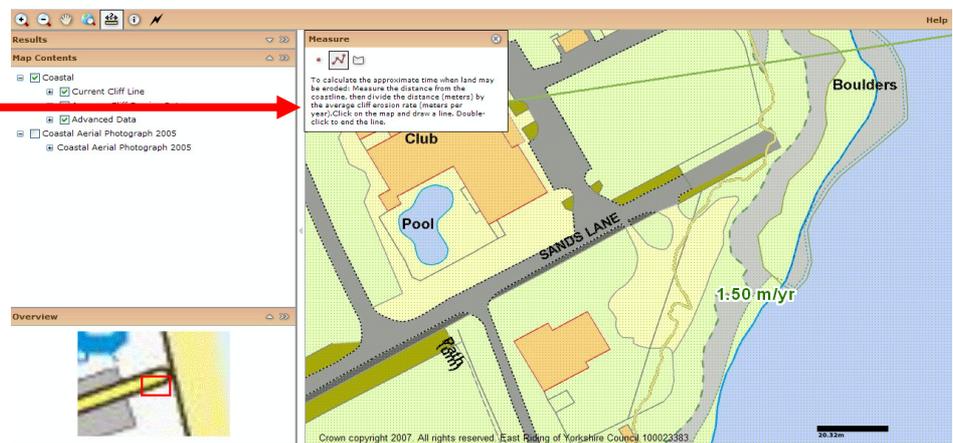


Once you have found the location you wish to measure from, click the **'Measure'** tool



Once you have found the location you wish to measure from, click the **'Measure'** tool

The **'Measure'** window will automatically select a **'Distance'** measurement. (There are also **'Point'** and **'Area'** measurement tools)





# How to Calculate Approximate Cliff Erosion Rates...



Click your left mouse button on the location you wish to measure from

Move your cursor to the 'Current Cliff Line' and left-click again

The distance measured will appear on the 'Measure' window

Alternatively you can measure from the 'Current Cliff Line' to the desired location

The unit of measurement can be changed using the drop-down list

**Please be aware that these distances are approximate, and are only as accurate as the person measuring them**

The 'Measure' window can be closed using the X symbol

To calculate the predicted erosion rate, if no defense work was carried out, divide the measured distance by the Average Cliff Erosion Rate

**e.g. 41m / 1.50 m/yr = 61 years**

