

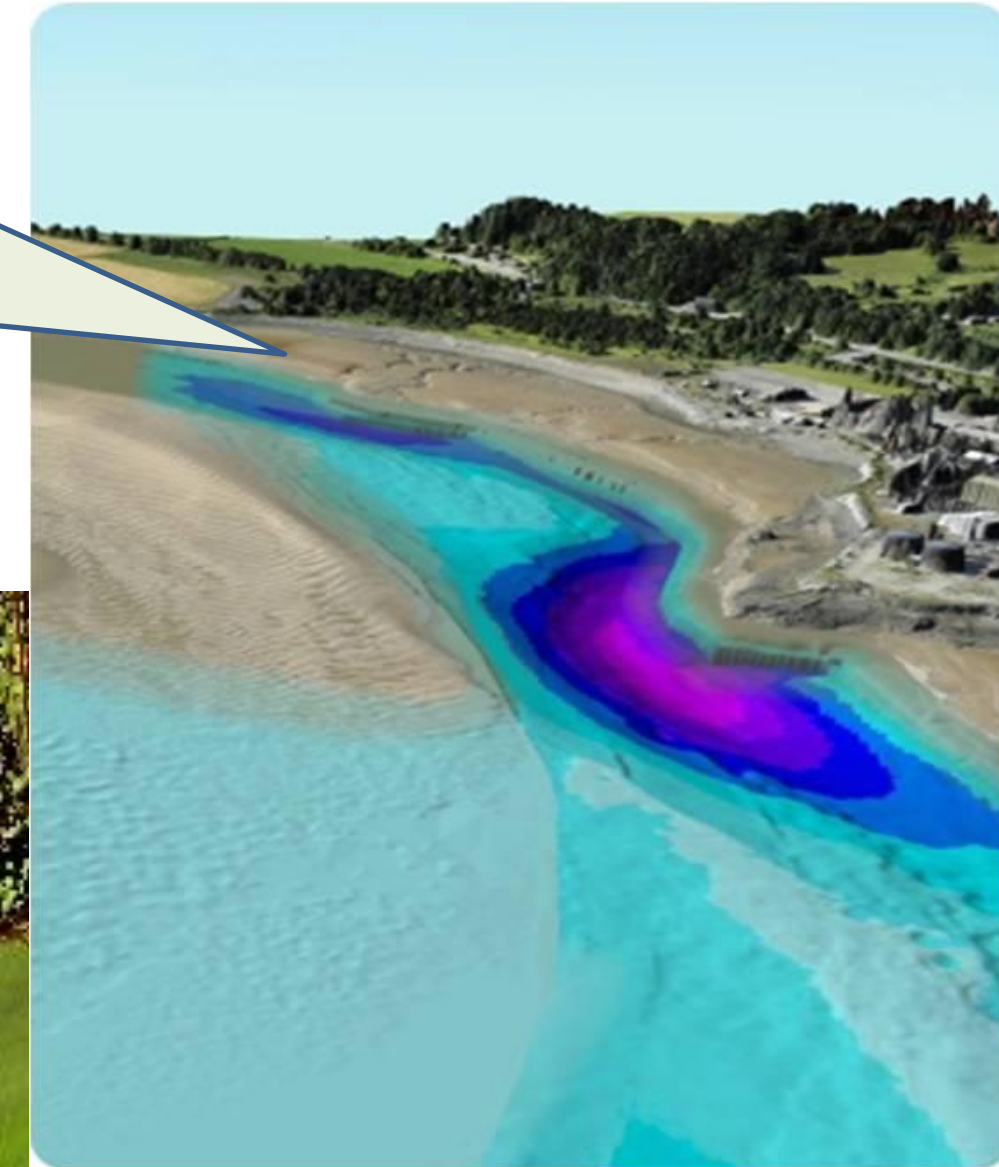
delivering benefits through evidence

How do we make a flood map for the coast?

We survey the area and create a 3D map sea bed and beach

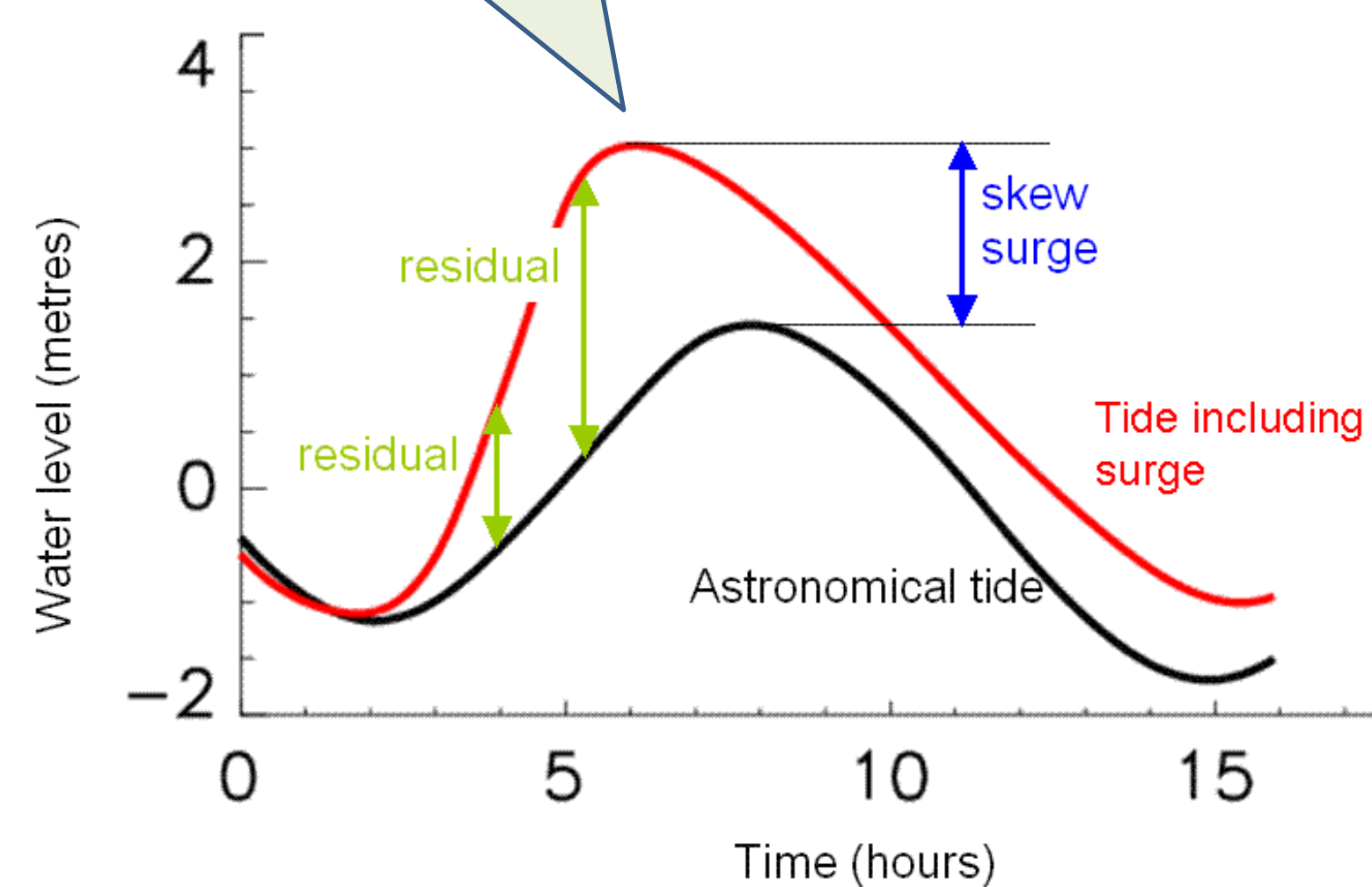


Surveys are done of the sea bed and coastline



We build computer models that simulate combinations of high tides, surges and waves.

Different tides, surges and wave heights are simulated in models to see what the affect on the sea level is.



We model when the sea level or waves are high enough to flow over beaches or flood defences and flow towards houses.

The model outputs are used to create maps, which we check and publish.



Equipment for verifying wave heights.

Our maps show the annual chance or probability of a flood.

