

 Assess the costs and benefits of soft engineering





- Define what soft engineering is
- Describe the costs and benefits of soft engineering
- Decide on how to manage sections of the River Tees

Soft engineering ...

... involves working with natural processes to manage the flood risk. It does not involve man-made structures.

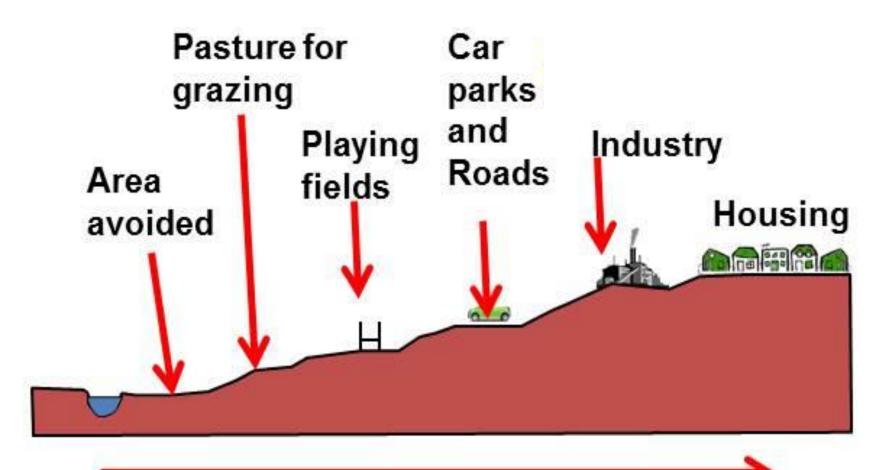
Effective? Debate?



Wetlands and flood storage areas



Floodplain zoning



Land uses increase in value as distance from river increases



Preparing for floods – includes warnings





<u>Decision making task:</u>

There are 4 zones along the River Tees that need protecting.

Decide how you would manage each section using the methods you have studied – choose from hard and soft engineering

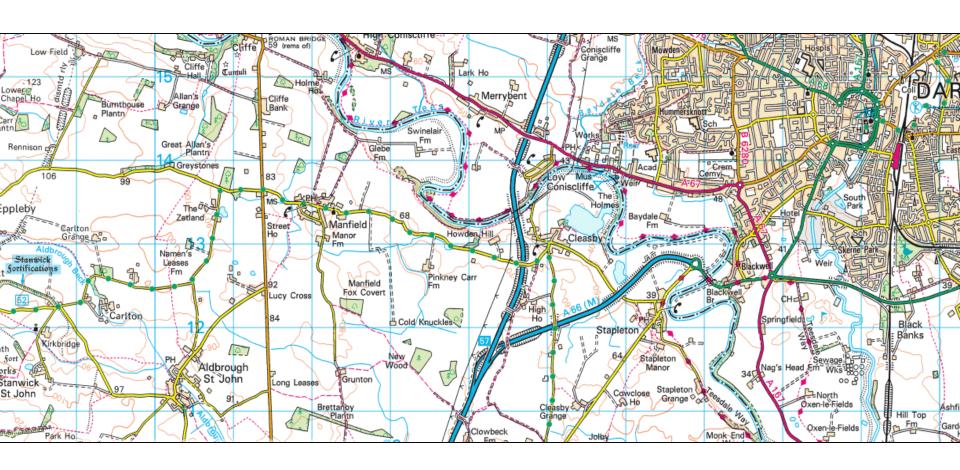
Annotate your maps

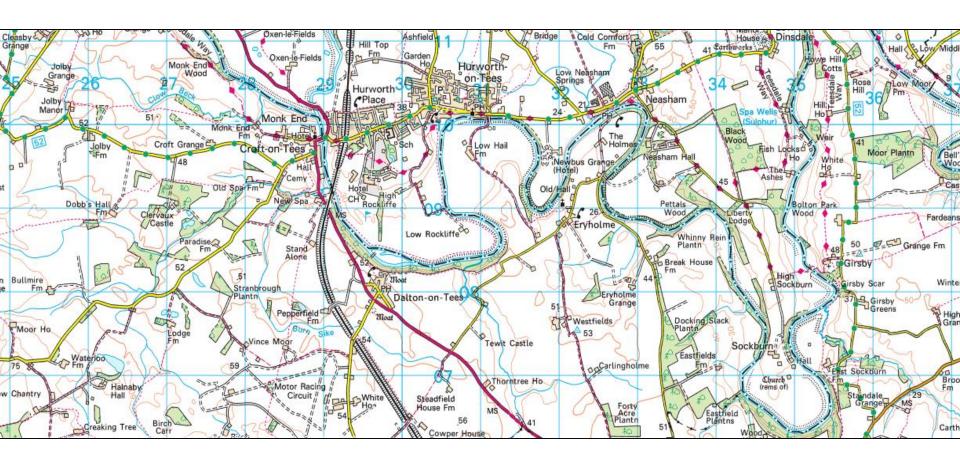
James Bevan, Head Honcho

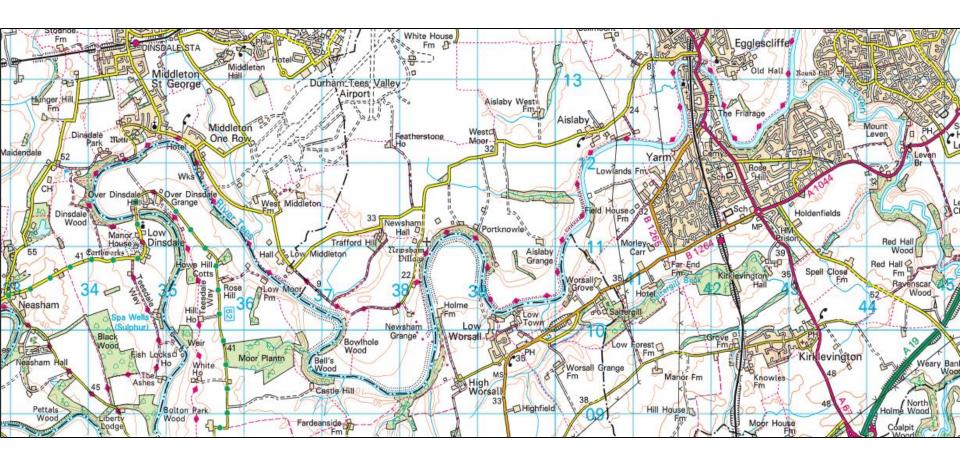


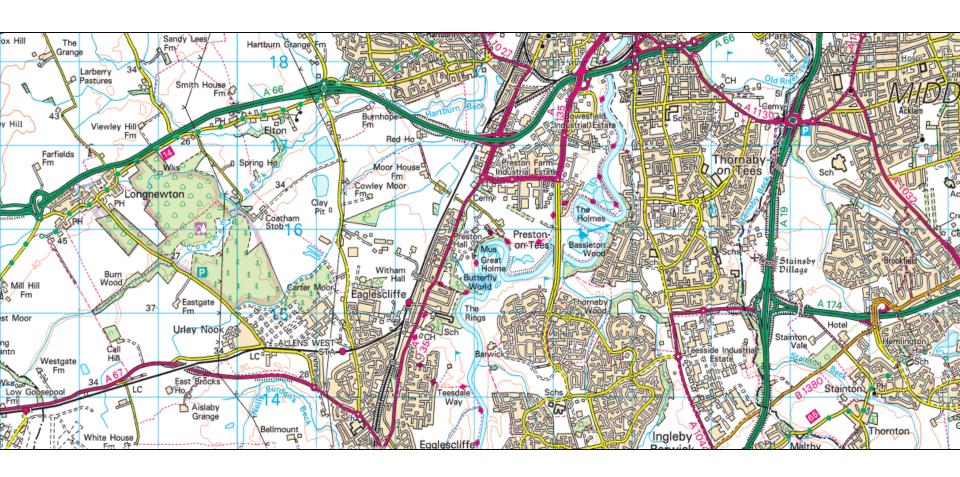


Zone	Plan	Explanation
1		
2		
3		
4		





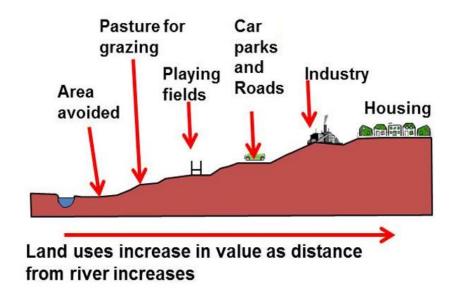




River restoration

Flood plain zoning





Choose one option.

Explain why soft engineering has a *limited* effect on the environment. (4 marks)