**Coastal Landscapes and Change research**

What does the littoral zone consist of?

What are the longer and shorter term criteria that coasts can be classified by?

How are rocky shores and coastal plain landscapes formed and why?

How is geological structure responsible for concordant and discordant coastlines?

How does geological structure influence morphology? How does it impact erosion rates, cliff profiles and micro-features?

Why are bedrock lithology and unconsolidated material geology important in coastal recession?

How does differential erosion of alternating strata in cliffs influence recession rates and cliff profiles?

Why is vegetation important in the stabilisation of sandy coastlines?

How do different wave types influence beach morphology and sediment profiles?

What is the importance of erosion processes? How are they influence by wave type, size and lithology?

What coastal landforms are created by erosion?

How does longshore drift work and how is it influence?

What coastal landforms do transportation and deposition create?

What is the Sediment Cell concept? Why is it important? Why is it an example of a dynamic equilibrium?

What is weathering and why is it important for sediment production and rates of recession?

What is mass movement and why is it important on coastlines?

What coastal landforms does mass movement create?

What are eustatic, isostatic and tectonic factors and how do they influence longer-term sea level change?

What are emerging and submerging coastlines? How has sea level change produced these?

Why is contemporary sea level change a risk to some coastlines?

What physical factors and human actions influence rapid coastal recession?

What subaerial processes influence rates of coastal recession?

Why are rates of recession not constant? How are they influenced by different factors in the short and long term?

What local factors create flood risk? How does global sea level rise further increase risk?

What are storm surge events? How can they cause severe coastal flooding?

How might climate change increase coastal flood risk? Why is the threat and pace uncertain?

What are the economic and social losses from coastal recession?

What are the economic/social consequences of flooding and storm surges? Do these differ for development levels?

How might climate change create environmental refugees in coastal areas?

What hard/soft engineering strategies can be implemented? How do they influence physical processes and systems?

How can sustainable management enable people to cope and what are the conflicts?

How do coastal management use the concept of the littoral cells? How do places use holistic ICZM strategies?

How are policy decisions made? What forms part of the decision-making process?

How can policy decisions lead to conflict between different players? Who are the winners and losers?