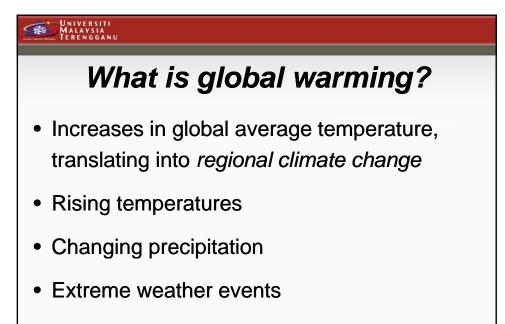
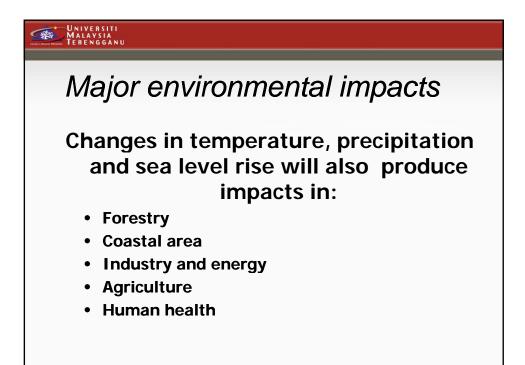
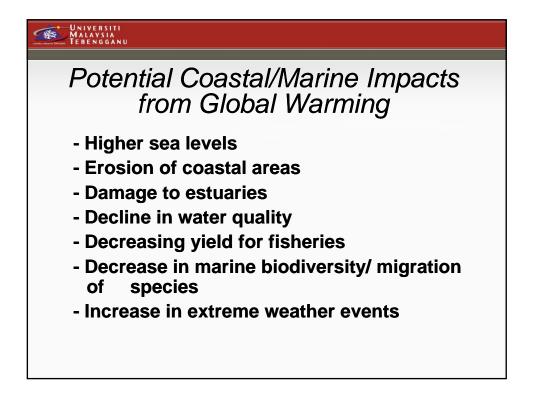


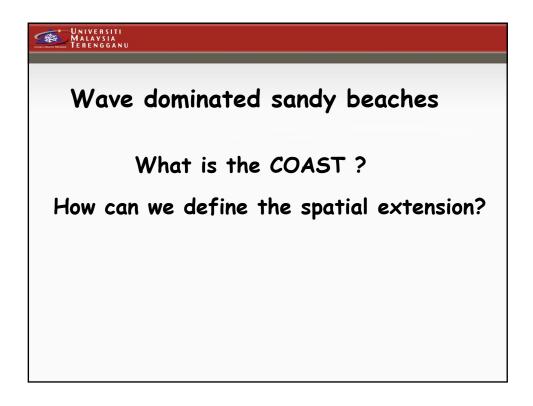
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Climate
is weather over the long-term
Climate Change
is how weather changes over the long-term
it's measured in decades

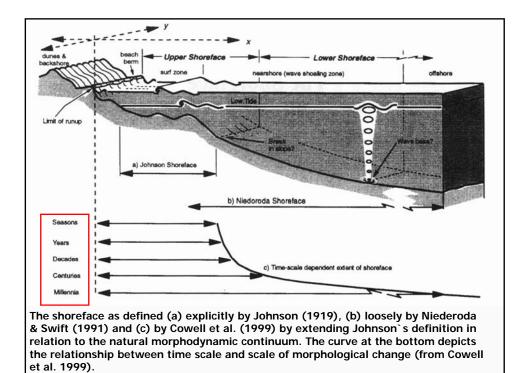


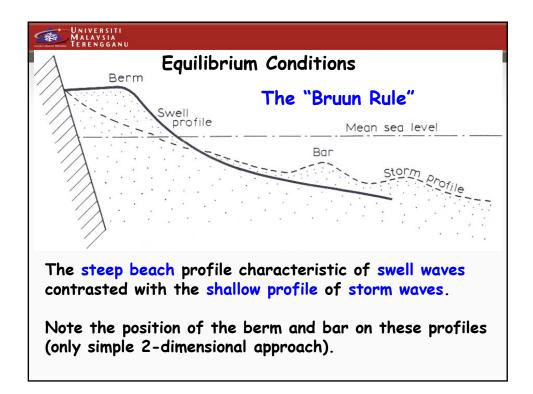


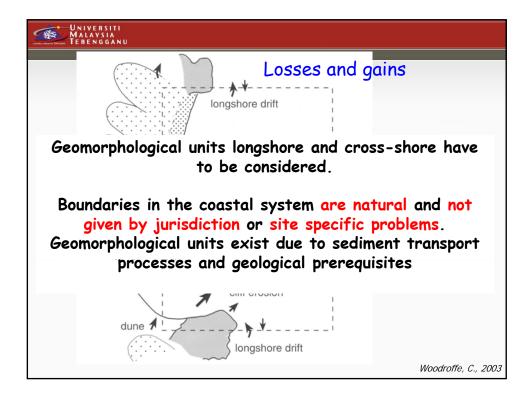


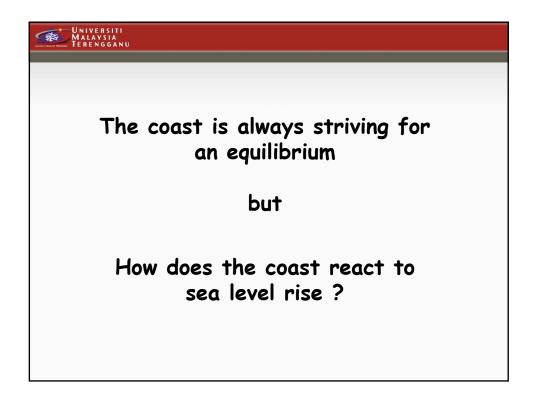


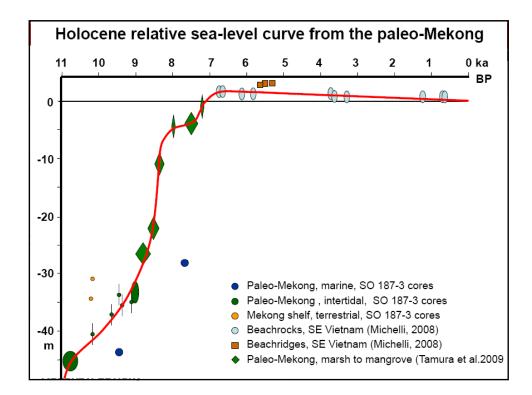


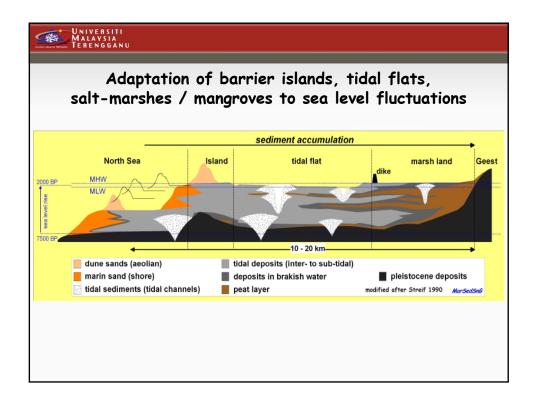


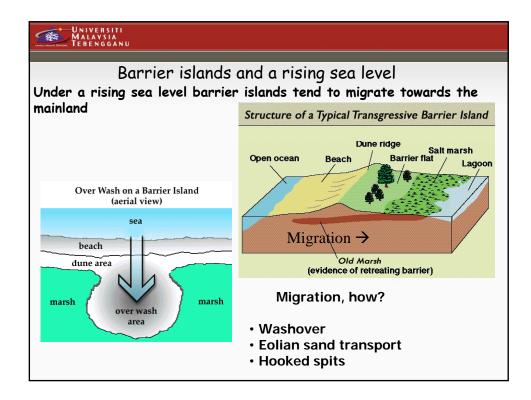


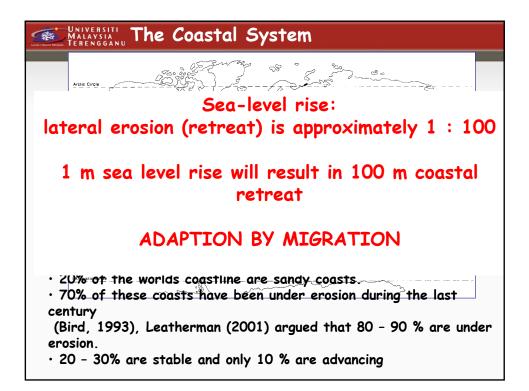


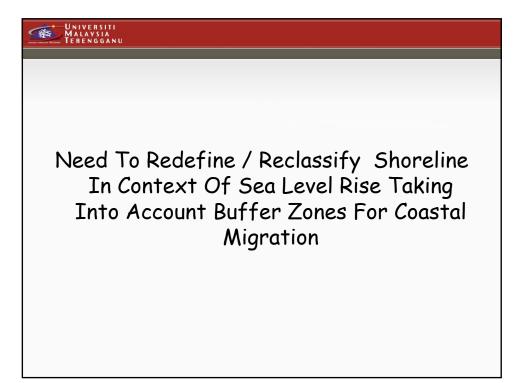




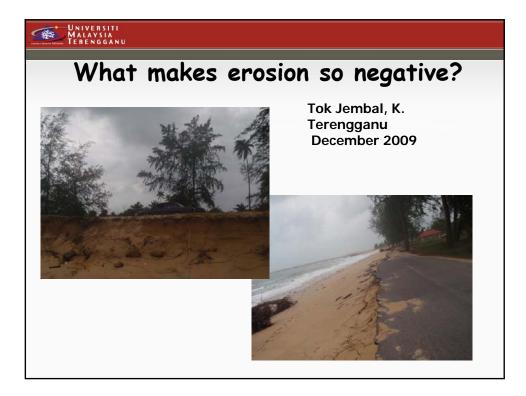


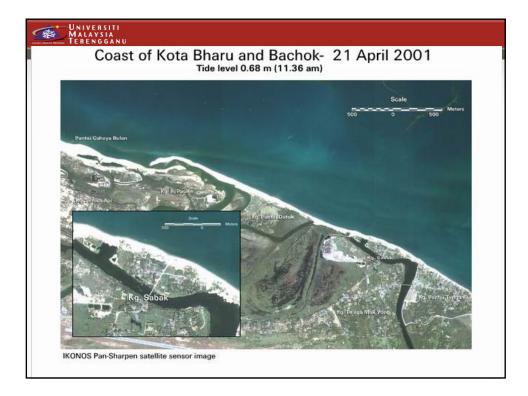


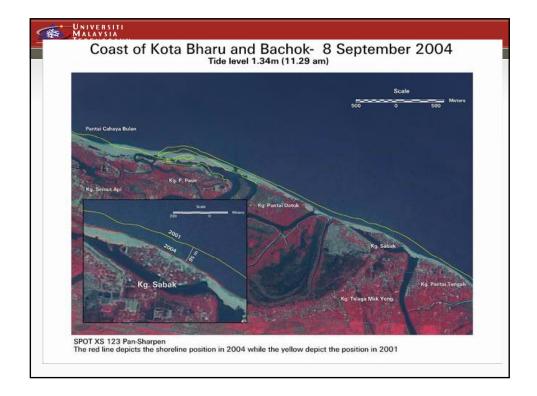


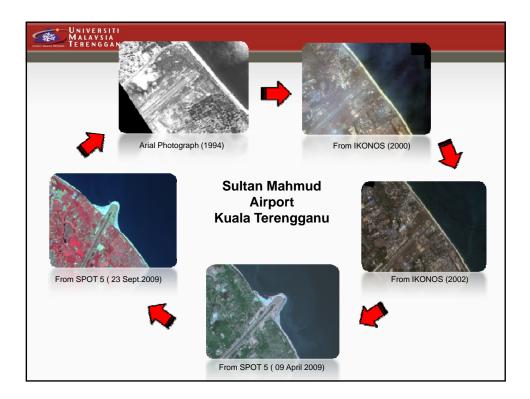


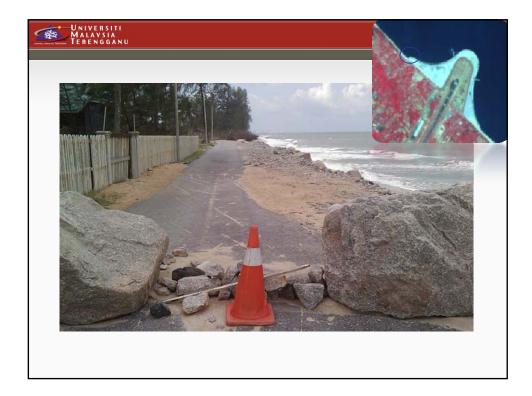






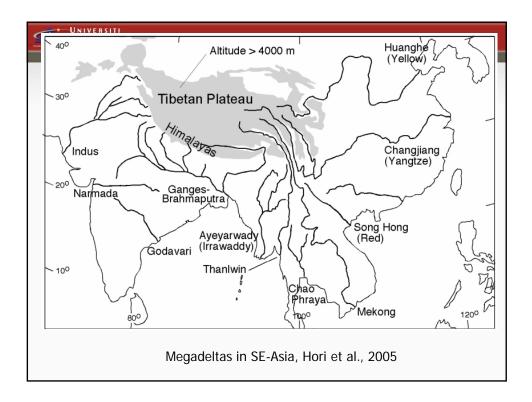


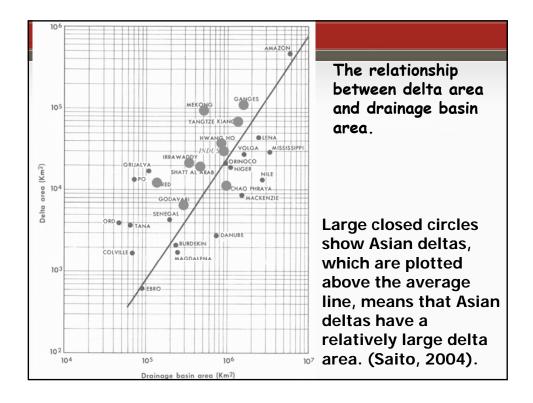








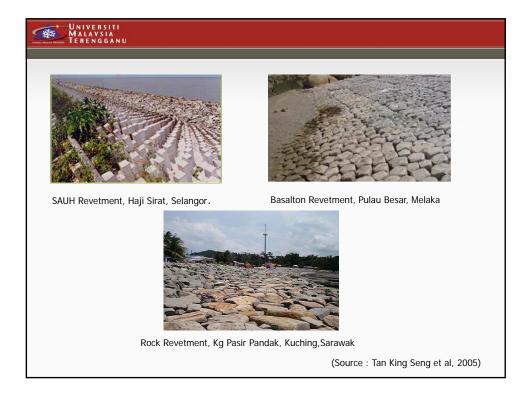




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The Asian Megadeltas					
RIVER	SEDIMENT DISCHARGE t /	SEDIMENT DISCHARGE	SEDIMENT DISCHARGE t /	GROWTH RATE OF DELTA	
discharge;	now a treme				
"Most of the changes in discharge are due to "river damming and sand and gravel extraction" in the river systems.					
diminished to < 10 % since 1999 when the Xiaolangzi dam came in operation.					
				km ² in 25 years	
Irrawaddy River (Myanmar)	No data				
Data based on Saito et al., 2007					

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What can be done?				
A variety of solutions exist.				
Do nothing option;				
Maintain (mainly "hard solutions")				
Control (mainly "soft solutions")				

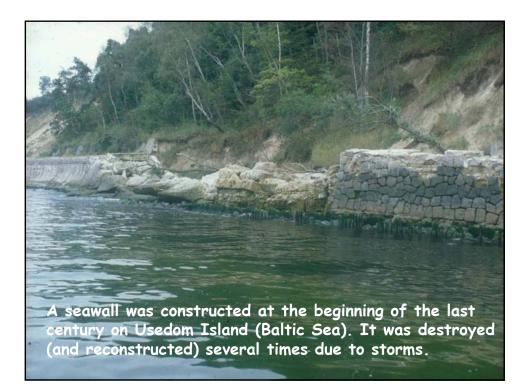


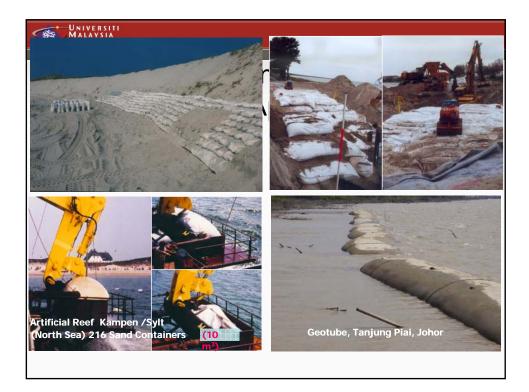




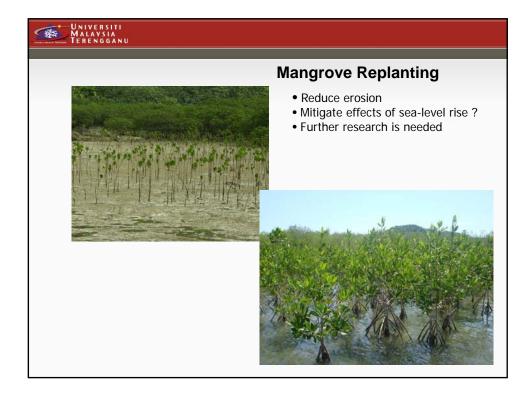
Coastal defence structures in the southern part of Kiel Bay (Baltic Sea). Dyke with Tgroyne elements and additional beach nourishments.

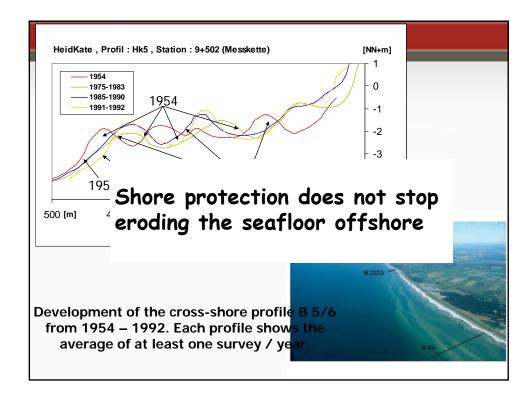














Coastal defence on Sylt Island, Kampen, with the support by geotextiles and beach nourishment. It is a costly measure but it can not provide a permanent protection from storm surges (Source: MBM+F, 2002: The North Sea, Problems and Research Needs.)



