





















Conclusions and future work

- Infill of a drowned river valley type estuary from 8000-3000 years
- River-fed barrier system did not form until fluvial sand was supplied to the coast
- Recent dynamics of the river entrance, shifts in position in past 500 yrs
- Shoreline response to major storms
- Response to major floods e.g. 2011
- Future work:
 - Estuarine basin area 8000-3000, fluvial infill volume, barrier volume informs historical sediment budget
 - Shorter-term dynamics volume recovered since storms, destruction and re-formation of the modern spit
 - Sediment storage in the shoreface and interaction with the beach