**Witterings Fieldtrip - Tuesday 5th November/Wednesday 6th November**

Meeting point and time: Rooms 911 and 912 Godalming College at 08.30

Return time to Godalming College: 16.30

Clothing and equipment required: Warm clothes, sturdy footwear and waterproofs (waterproof trousers too if possible). Pen, pencil and clipboard

Lunch arrangements: **Please bring a packed lunch including snacks and plenty of drinks for the day as there will not be the time to purchase refreshments there.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Group 1** | **Group 2** | **Group 3** |
| 10.45 | **Introduction to Chichester Harbour, aims of the field trip. Safety briefing – consider the risks associated with coastal fieldwork.** | **Introduction to Chichester Harbour, aims of the field trip. Safety briefing – consider the risks associated with coastal fieldwork.** | **Introduction to Chichester Harbour, aims of the field trip. Safety briefing – consider the risks associated with coastal fieldwork.** |
| 11.00 | **Walk to suitable site to discuss the coastal geography of the local area and the formation of the sand spit, East Head. Discuss the littoral (longshore) drift on this stretch of coast.** **Consider the coastal system and deposition in this sediment cell and the current sediment circulation theory.****Make notes and annotate map worksheet.****Beach Transect (groyne field 22/23)****Introduce fieldwork to study longshore drift and sediment analysis. Students complete beach transects to include gradient, % cover, av pebble size and av. roundness.****Discuss data and evaluate fieldwork technique.** | **Walk to suitable site to discuss the coastal geography of the local area and the formation of the sand spit, East Head. Discuss the littoral (longshore) drift on this stretch of coast.** **Consider the coastal system and deposition in this sediment cell and the current sediment circulation theory.****Make notes and annotate map worksheet.****Survey to look at the height of sediment at the groynes**. (Groynes 21-24) Introduce field work technique. Complete field work to measure sediment height on either side of groynes. Evaluate fieldwork technique. | **Walk to suitable site to discuss the coastal geography of the local area and the formation of the sand spit, East Head. Discuss the littoral (longshore) drift on this stretch of coast.** **Consider the coastal system and deposition in this sediment cell and the current sediment circulation theory.****Make notes and annotate map worksheet.****Coastal Management Strategy****Walk to hinge. Short talk to look at the history and approaches towards Coastal Management, and the current strategy of Adaptive Management at East Head. Look at the hard and soft engineering approaches used. Complete bi-polar surveys and field sketches for a hard and soft sea defence.** |
| 12.15 | **Survey to look at the height of sediment at the groynes**. (Groynes 21-24) Introduce field work technique. Complete field work to measure sediment height on either side of groynes. Evaluate fieldwork technique. | **12.00 Beach Transect (groyne field 23/24)****Introduce fieldwork to study longshore drift, beach profile and sediment analysis. Students complete beach transects to include gradient, % cover, av pebble size and av. roundness.****.****Discuss data and evaluate fieldwork technique.** | **Survey to look at the height of sediment at the groynes**. (Groynes 21-24) Introduce field work technique. Complete field work to measure sediment height on either side of groynes. Evaluate fieldwork technique. |
| 13.00 | Return to car park and lunch | Return to car park and lunch | Return to car park and lunch |
| 13.30 | **Coastal Management Strategy****Walk to hinge. Short talk to look at the history and approaches towards Coastal Management, and the current strategy of Adaptive Management at East Head. Look at the hard and soft engineering approaches used. Complete bi-polar surveys and field sketches for a hard and soft sea defence.** | **Coastal Management Strategy****Walk to hinge. Short talk to look at the history and approaches towards Coastal Management, and the current strategy of Adaptive Management at East Head. Look at the hard and soft engineering approaches used. Complete bi-polar surveys and field sketches for a hard and soft sea defence.** | **Beach Transect (groyne field 22/23)****Introduce fieldwork to study longshore drift and sediment analysis. Students complete beach transects to include gradient, % cover, av pebble size and av. roundness.****.****Discuss data and evaluate fieldwork technique.** |
| 14.30 | **Short walk to view sand dunes and consider NT management techniques. View saltmarsh. Walk back to car park.** | **Short walk to view sand dunes and consider NT management techniques. View saltmarsh. Walk back to car park.** | **Short walk to view sand dunes and consider NT management techniques. View saltmarsh. Walk back to car park.** |
| 14.45 | Return to car park. Toilets. | Return to car park | Return to car park. |
| 15.00 | Depart West Wittering | Depart West Wittering | Depart West Wittering |

**Student Expectations**

* You must conduct yourself in a responsible, considerate and courteous fashion at all times.
* You must meet the requirements of the visit in terms of arriving punctually at agreed rendezvous points, attending all planned events, and following the stated procedures in terms of travel.
* You must follow the advice of staff at all times whilst on the trip including safety instructions, including you have the ICE contact details in case of an emergency.
* You must contact the Trip Organiser or failing that a relevant member of staff at the College if you are going to be late or, at the last minute, are unable to attend the trip.