



**UNIVERSITY OF  
PLYMOUTH**  
School of Geography, Earth  
and Environmental Sciences

**GiG**  
GIRLS INTO GEOSCIENCE

# Fieldtrip to Torbay 6<sup>th</sup> July 2020



## Introduction

Torbay is an area of great geological significance, including Triangle Point and Goodrington Sands which are Sites of Special Scientific Interest (SSSI) and lie within the English Riviera UNESCO Global Geopark. This means that the geological sections are conserved for the general public, students and scientists to visit and study. These two classic sites exhibit rocks of Devonian and Permian age, which contain some interesting features and fascinating fossils.

## Location

This fieldtrip will take you to two classic locations in Torbay: Goodrington Sands and Triangle Point providing you with an opportunity to learn about the geology and landscape with staff from the University of Plymouth.

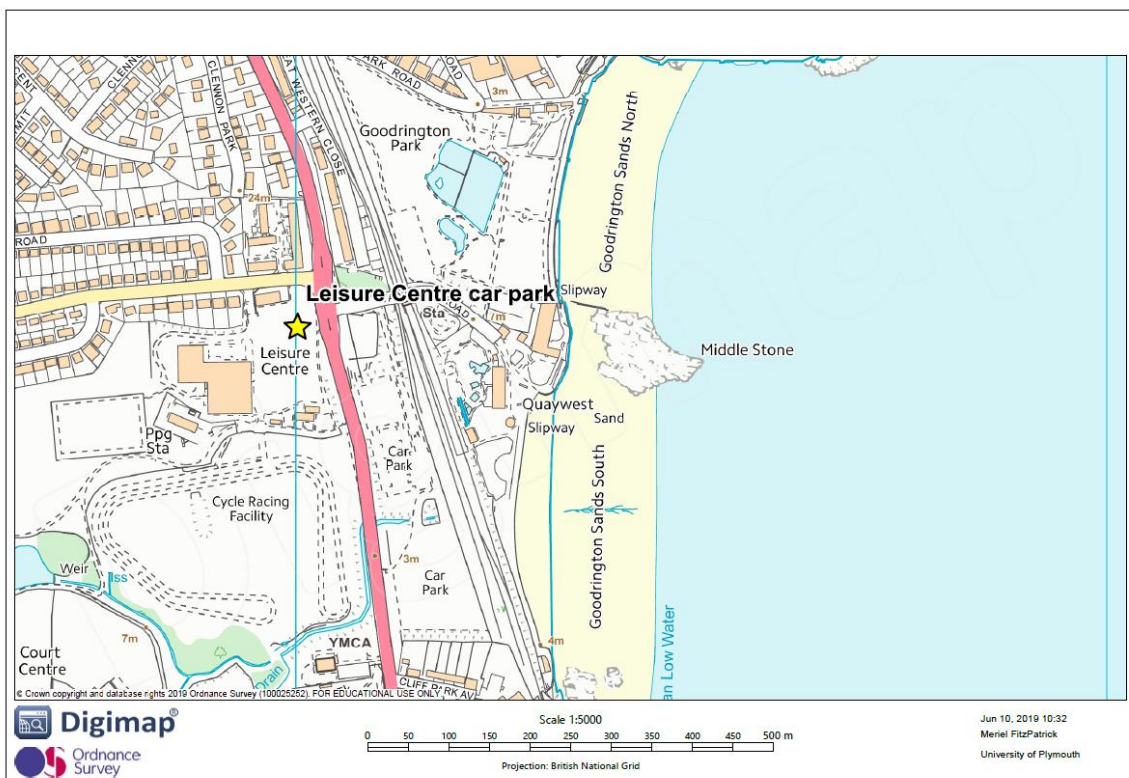
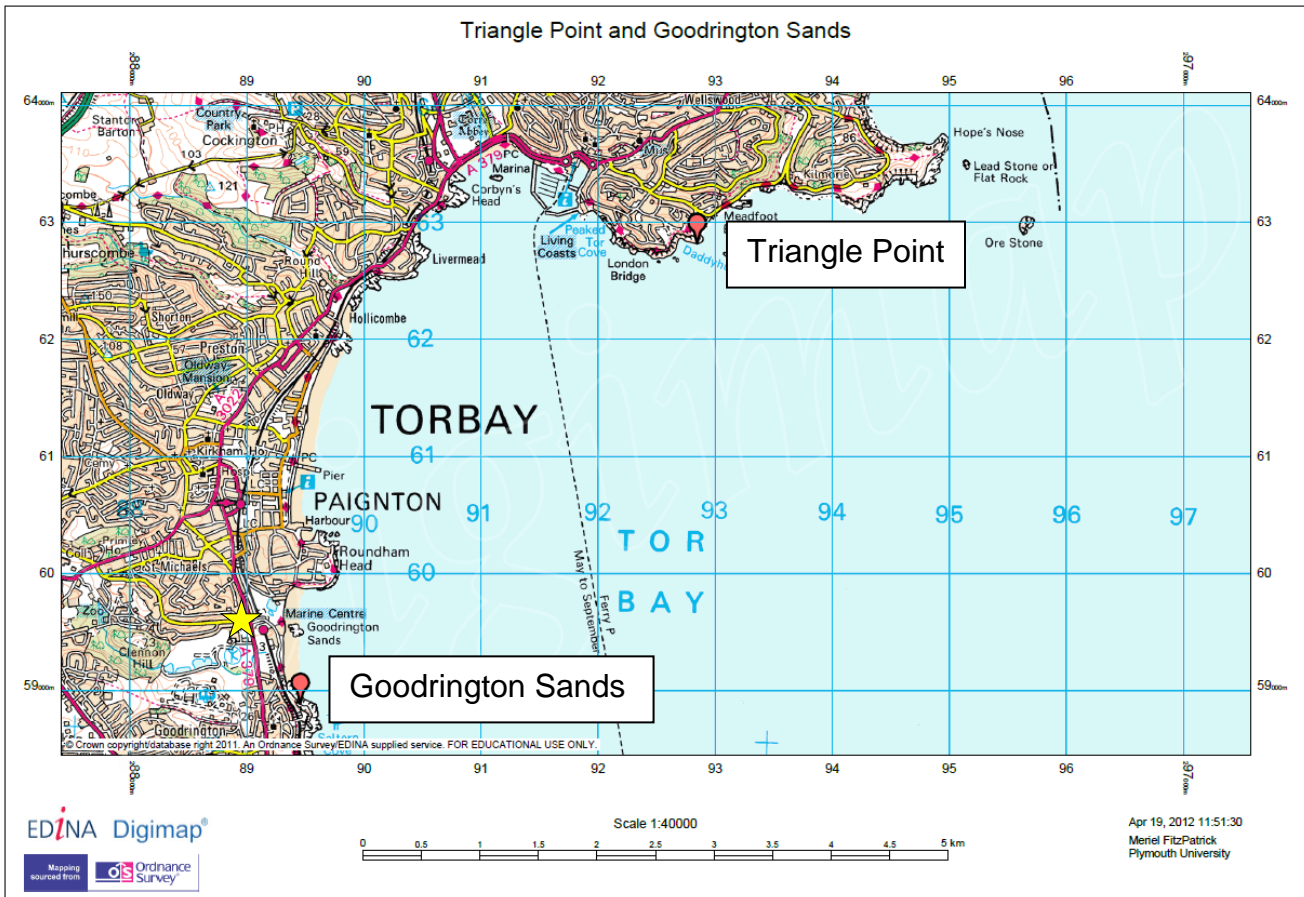
## Aims

By the end of the fieldtrip you should have seen and be familiar with:

- some different types of sedimentary rocks, fossils and their palaeoenvironmental significance;
- some geological structures and some of the processes involved in forming these features;
- the approach geologists take to describe and record geological/ geomorphological features in the field.

## Meet at the University

Meet on North Hill close to the Main Entrance of the University. We will leave for Torbay at 09:30 and return by 17.00. Alternatively you can meet us in Paignton at Torbay Leisure Centre carpark on Dartmouth Road (A379) at approximately 10:30. Please see the maps attached. It is a short walk to Goodrington Sands from there.



## What to Wear/Bring

**(a) Clothing** – You must wear, or carry with you, appropriate clothing at all times following the SoGEES Safety Handbook guidelines “Wear suitable outdoor clothes and boots, (those with jeans and /or trainers will not be taken out in the field; no exceptions); Full waterproofs (top and bottom)”.

In particular make sure you have:

- plenty of warm clothing (layers are best). **No jeans please.**
- waterproofs (jacket and trousers)
- supportive and protective walking shoes or boots (**NOT trainers**).
- sunhat
- suncream (at least Factor 30)

Please note: If a member of staff feels you are dressed inappropriately you will not be allowed into the field.

**(b) Geological Field Equipment** –

- Notebook (preferably hard backed)**
- a fine lead (0.3-0.5) propelling pencil; HB leads.**
- eraser.**

The University will provide compass-clinometers, hard-hats and any other field equipment that is needed.

**(c) Food** You should prepare a packed lunch and bring a drink or flask as we will be picnicking on the coast – weather permitting! However, there are also some cafes close to where we will stop for lunch.

## Safety

Please read the risk assessment on the day and listen to instructions from staff regarding your safety during the day.

If you have any questions please do not hesitate to ask.