



CCO Report to Southern Coastal Group

February 2023

1. Hydrodynamic Network

Wave Buoys: Scheduled maintenance services of the Boscombe and Milford wave buoys are delayed, all other maintenance work has been completed and all buoys are operational.

Tide Gauges & Met stations: All scheduled services are completed. All tide gauges and met stations are operational.

2. Topographic Survey

The spring surveying season has begun with surveys taking place at Calshot, Ryde, Milford, Weymouth, Swanage and Highcliffe this month. Surveys undertaken during the autumn season of 2022 are now available.

3. Bathymetry

Due to delays in getting the CCO's survey vessel Zephyr re certified following its annual inspection last July no surveys have taken place since. Zephyr has been booked in for modifications to the scuppers after which multibeam surveys will resume in Christchurch Bay and the West Solent.

4. Aerial

2022 aerial capture is complete. Approximately 60% of the imagery has been delivered, QC'd by CCO and returned to the contractor. This includes all areas flagged as a priority by partners.

5. Lidar



LiDAR for the 2022/23 winter season (East) is still underway, but has been progressing well.

6. Assets

A technical note was prepared listing the draft attribute list for the Southeast RCMP's asset register which has been reviewed by the programme's project team.

7. Website

A new profile viewer has been added to the website. The tool can be accessed via the 'Topographic' layer

in the 'View layers'  menu on the 'Map Viewer & Catalogue' page. Each profile can be queried using the 'Query layers'  tool in the same menu and the historic profiles visualised.

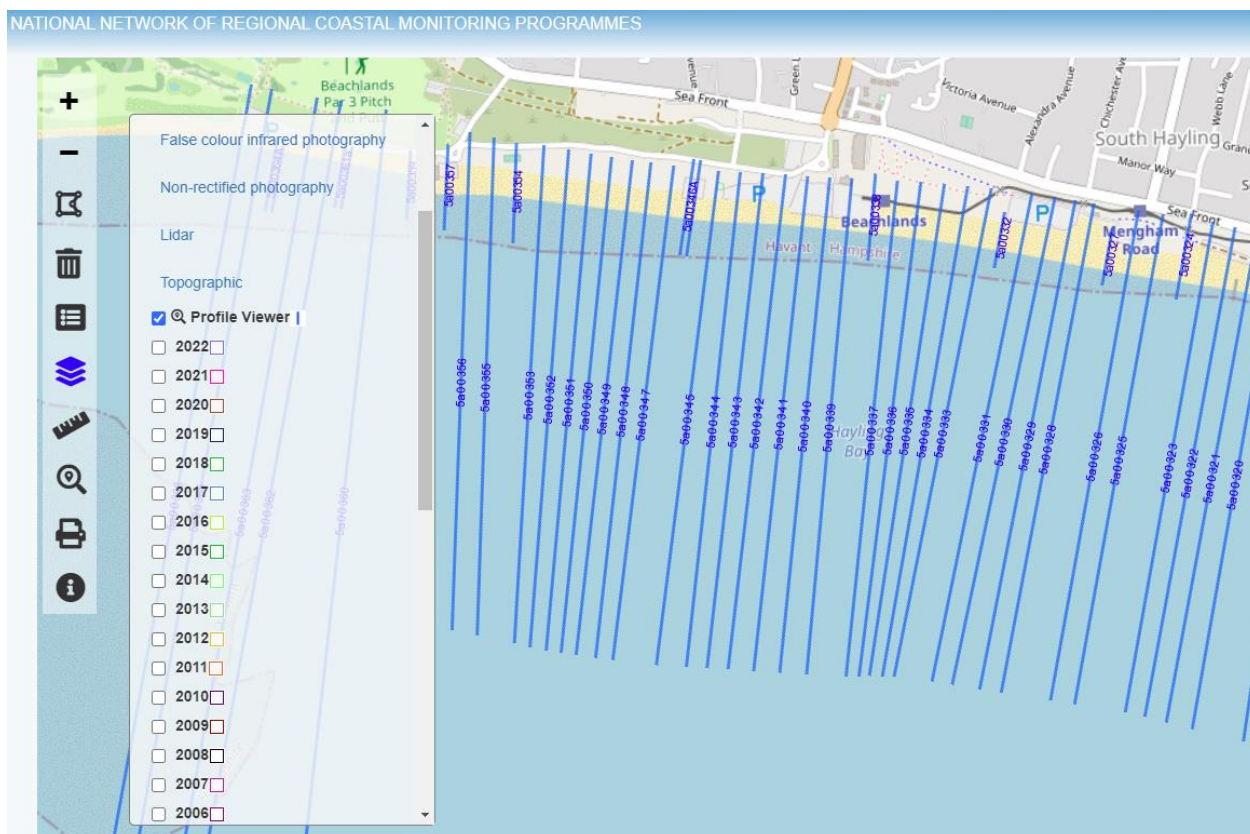


Figure 1: The 'Profile Viewer' active in the View layers menu on the 'Map Viewer & Catalogue' page.

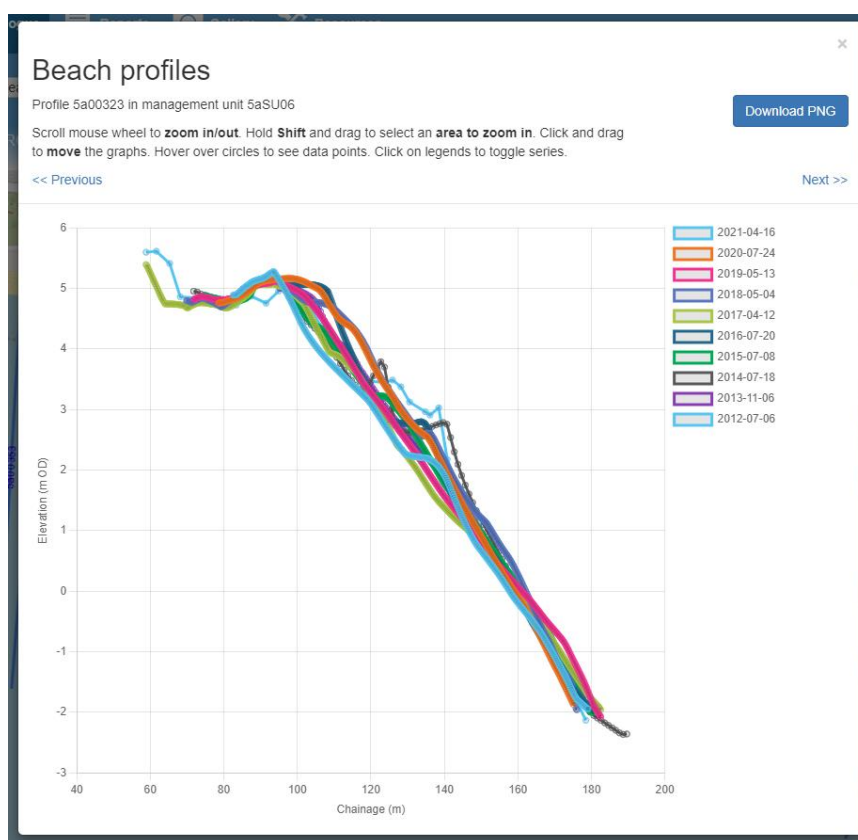


Figure 2: The beach profile viewer, showing profile 5s00323 in management unit 5aSU06.

Recorded downloads during Q4 of 2022 were £9.2M per month. The number of hits on the website has climbed again to 13.6M per month which is the highest level since the 2017 peak.

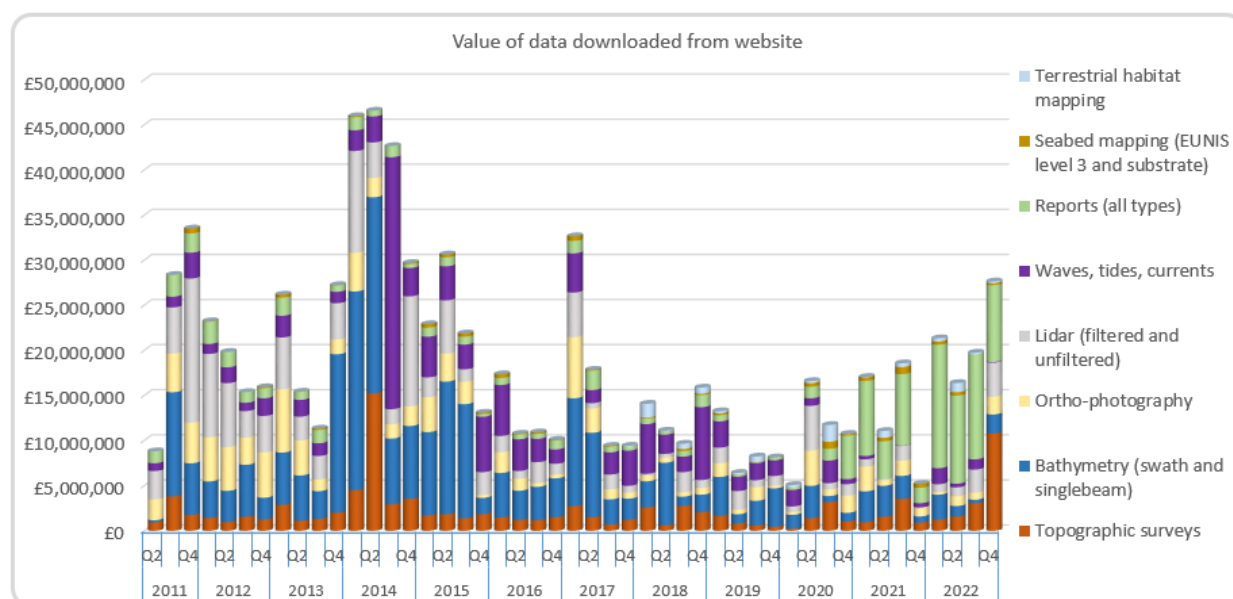


Figure 2 Data value of southeast regional data to end of Q4 2022

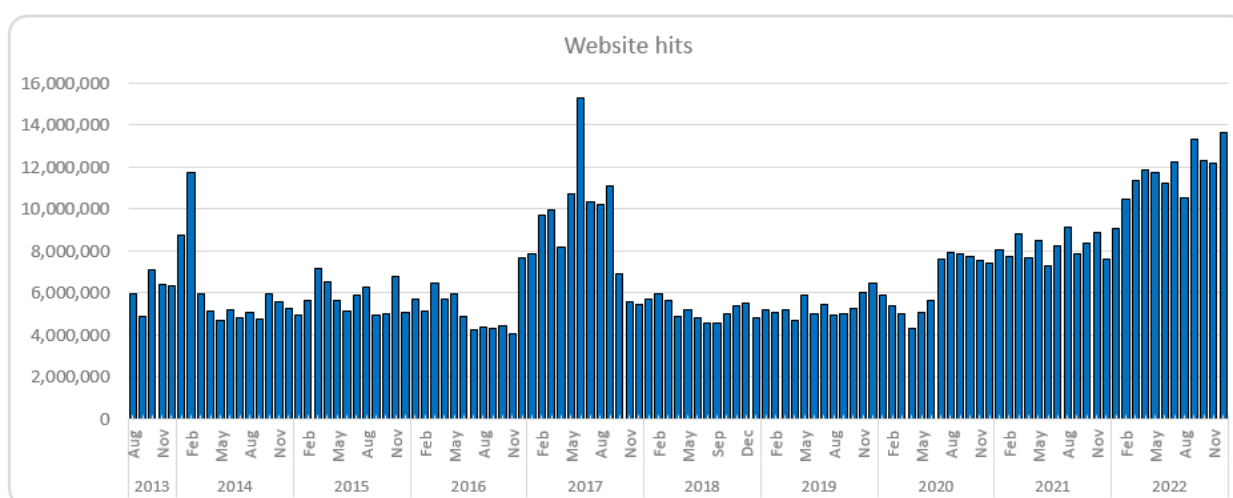


Figure 3 Number of hits on CCO website

8. General

The Channel Coastal Observatory is finishing up a project – Coastal Monitoring For Heritage – commissioned by Historic England which produced twelve desk-based assessments of selected historic assets with the aim to evaluate whether the monitoring data that is currently collected for coastal management and engineering purposes by the National Network of Regional coastal Monitoring Programmes (NNRCMP) can inform on the condition of the archaeological asset and / or the environment in which it is situated.