

Channel Coast News

Issue 33 - July 2008

The newsletter for the Southeast Strategic Regional Coastal Monitoring Programme www.channelcoast.org

Regional News

South East Coastal Group

Spring profile surveys have been completed and SANDS databases have been updated accordingly. The data is also available from the project website. Annual reports plotting changes over the last year for each coastal cell are due for release at the end of the month. Summer beach management plan surveys are currently being undertaken in all actively managed areas. The surveys are due for completion at the end of August, with data being made available in early September.

Matthew Mills has been appointed as Principal Engineer with responsibility for the Strategic Monitoring team. Two other members of staff have joined the team, Daniel Hallam and Andy Jeffery.

SCOPAC

Progress is continuing with the summer baseline surveys. Christchurch and Poole Bays are complete and the Isle of Wight baselines have begun. Offshore bathymetric surveys have started from Portland to Durlston Head, conducted by the Maritime & Coastguard Agency (as part of the Civil Hydrography Programme), in collaboration with Dorset Wildlife Trust. It is hoped that the Regional Monitoring Programme's bathymetric survey of the nearshore region can be combined.

South Downs Coastal Group

All spring 2008 interim profile surveys have been completed and work is now progressing well on the summer Beach Management Plan (BMP) surveys, with only 3 frontages left to be surveyed. These surveys are being undertaken using ATV's. Analysis work for the 2008 Annual Report is ongoing and the report is expected to be ready for publication by early August. Once complete, our BMP reports will start to be generated.

Sarah Belcher, one of our coastal surveyors has left and we wish her well! Her replacement, James Bovington, will start on 28 July.

Environment Agency (Southern Region)

This summer, a complete baseline aerial survey is being undertaken. This includes the entire coastal frontage, harbours and estuaries. Deliverables will

include laser prints, digital images and orthophotos. Flights began at the end of May and 90% of the coastal frontage has now been flown. The orthophotos are due to be delivered by the end of January 2009 and will be used for the review of coastal habitats review in 2009/10. The lidar baseline survey is nearly complete. The data is being supplied to a 1m resolution and 80% has now been delivered and quality assured. It is planned that this data will be available from the website by the end of the summer.

Channel Coastal Observatory

A new reports section has been added to the website top banner. This provides a short-cut route to documents held in the Data Catalogue *e.g.* Annual Survey Reports, plus other freely-available reports, documents and supporting data *e.g.* shape files for historic photography and sediment sampling reports.

New wave buoys have been deployed near Goodwin Sands and at Hornsea (East Riding of Yorkshire).

What's New?

The Annual Partners Meeting will be held on Thursday 6 November 2008 at Field Place, Worthing.

Contacts

If you have any queries about the Strategic Regional Coastal Monitoring Programme, or would like a personal copy of this newsletter by email, please contact your area representative:

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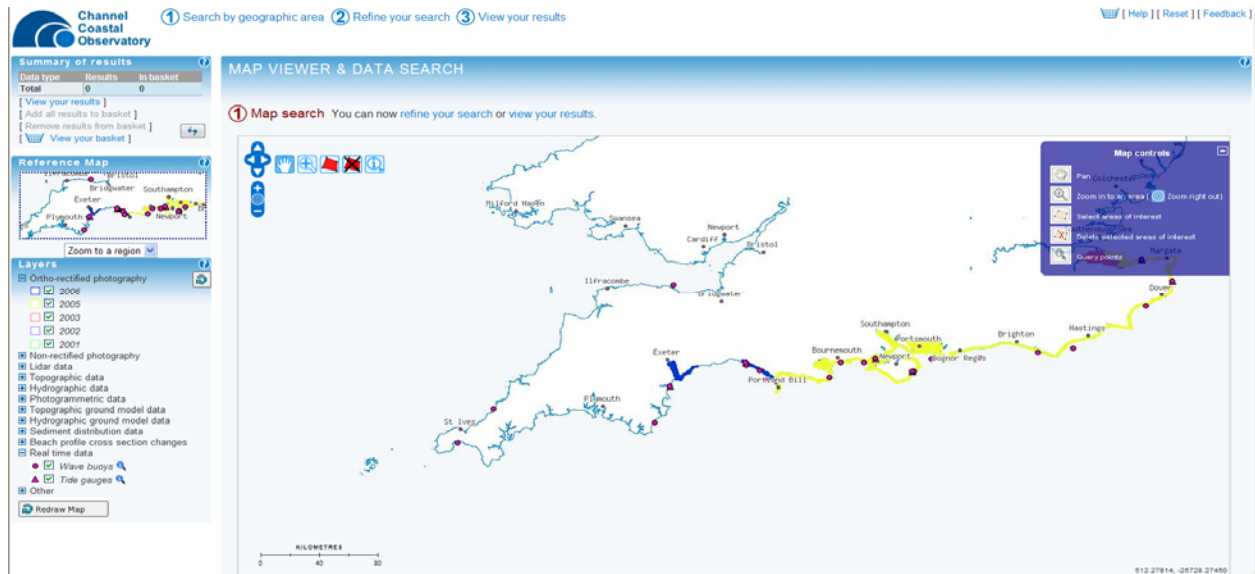
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or contact the regional data management centre:
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Downloading data from the website

All data collected as part of the Strategic Regional Coastal Monitoring Programmes are freely available, together with full metadata, directly from the website¹. The wealth of data now available has been the driver to both upgrade and simplify the website's Data Catalogue and Map Viewer, and recent months have seen major changes to the way users can view and download data. Care has been taken, though, to ensure that the changes have been incremental, rather than revolutionary, so that our regular users will not feel they have to start again from scratch. This article will describe briefly the main changes, for the benefit of experienced users, then proceed to a step-by-step guide for new users.



New features



- Google-type scrolling (with mouse wheel) to zoom in and out (*zoomed area is shown on map on left hand panel*).
- Hold down mouse button to pan around the map.
- Map page is geo-referenced – Easting and Northing shown for mouse position (lower right hand corner)
- Draw a polygon to select data
- Select individual types of data files from [Refine Your Search](#)

New users guide

Map Viewer

1. Zoom in to your area of interest using mouse wheel or pan (*hand symbol*) – once you have zoomed in sufficiently, the most recent ortho-photography will be displayed. Right-mouse click to save the view as a bmp image (*to download aerial photos as ecw files for loading into a GIS, follow step 3 onwards*).
2. Tick/untick the layers on the left hand panel to show the coverage of other types of data e.g. lidar, topographic

Data Catalogue

3. Click the polygon symbol  then click points on the map to define the area you want data for (double-click the last point to complete the polygon). You can define several separate polygons if you wish. To delete a polygon, click the  symbol, select the polygon and press delete on the keyboard.
4. Go to [Refine Your Search](#) then choose the types of data you want (topographic, bathymetric, lidar, aerial photography, documents [reports] etc.), by ticking the appropriate boxes. Some data types are ticked – these are the types of data which most people will want; for example, lidar data has contours as well as filtered and unfiltered tiles. The contour files are very large so the contour box is left unticked.
5. You can also [Refine Your Search](#) by date or keyword.
6. As you select the data types, you can see the total size of the data in the Summary of Results panel².
7. Go to [View Your Results](#). You can see the filenames of the selected data. You can either click “Add all results to basket” or tick individual files to add them to your basket.
8. At any stage, you can go back to [Step 1 Search by Geographic Area](#) to add more polygons, or go back to [Step 2 Refine Your Search](#) to change the data types.
9. When you are ready to download data, click the basket symbol. You need to be registered to download data. It is quick and easy (and free) to register and you can do so at this stage if you don't already have a login and password. *Tip...your login is your email address.*

¹ http://www.channelcoast.org/data_management/online_data_catalogue/

² Please note that you may download 300MB of data at one time. If you require more data, you will need to do so in separate sessions.