

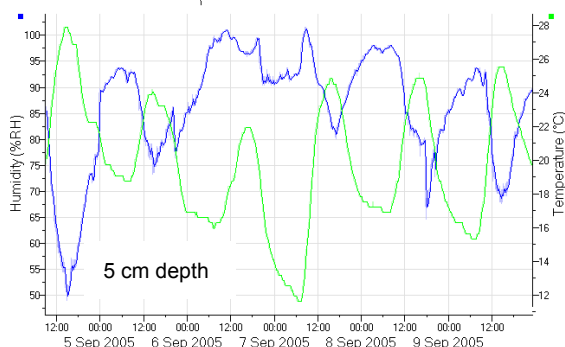
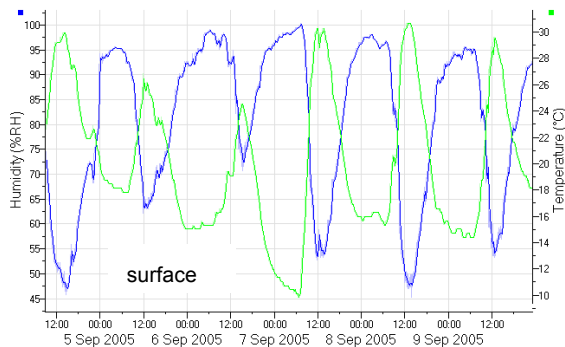


Biodiversity

Patrick Fitzsimons has been to most beaches in East Sussex, made reconnaissance visits to 24 beaches between Le Havre and le Hourdel (Baie de Somme) and is scheduled to visit beaches in Kent after the BAR project meeting. BAR leaflets have been distributed to many tourist offices and wildlife centres in northern France.

The ESCC team has also organised two Shore Search trials at Peacehaven and Eastbourne based on the Kent WT intertidal survey method involving 16 volunteers, with more to come.

Elinor Low has placed temperature and humidity dataloggers into the beach at Cuckmere Haven at different depths to monitor the environment that will affect both plants and invertebrates living in the shingle. Examples from a logger on the surface and at 5cm depth illustrate the lag in the temperature propagation and the significant difference in humidity.

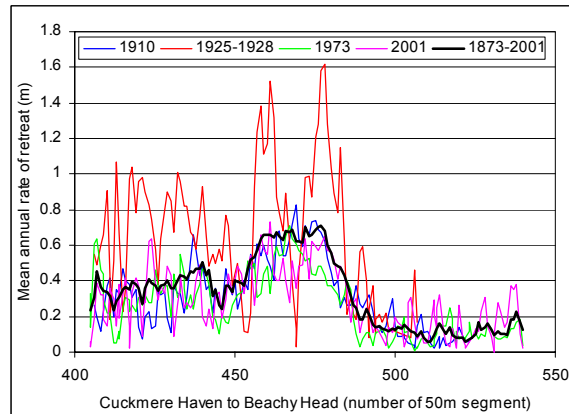


Example of temperature (green) and humidity (blue) variations at different depths.

Geomorphology

Work on calculating cliff retreat rates for the periods between the 1870s, 1910, 1920s,

1973 and 2001 have been almost completed for the cliffs of East Sussex indicating that the period 1910 to 1920s saw significantly higher rates of retreat than during the preceding or following time periods as illustrated below for the stretch between Cuckmere Haven and Beachy Head.



Example of temporal variation of the cliff retreat rate along the Seven Sisters to Beachy Head. Years indicate the end year of the period over which the retreat occurred (e.g. 1910 means between 1873 and 1910). Data is based on OS maps and for 1973 and 2001 on EA air photographs.

BAR project meeting

The BAR project meeting is taking place on the 14th and 15th October in Canterbury with field visits to Sandwich Bay, Kingsdown and St Margaret's Bay on the 15th. A few places are left and those interested should contact Rendel Williams (R.B.G.Williams@sussex.ac.uk) as soon as possible

Contacts

If you have any queries or would like further information about the Beaches At Risk project, please contact:

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or visit

www.geog.sussex.ac.uk/BAR/english-frame.html