

## Extract of 1:50000 Boundary Data for Humberside

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This page lists the co-ordinates for the test coastline used by Visvalingam and Whelan (2014) illustrated below. This data consists of 2227 points. Use of the same test data facilitates comparative studies on, for example:

1. the implementation of Visvalingam's algorithm by various open source and commercial organisations; some of these output differing results.
2. the use of different metrics and weights.

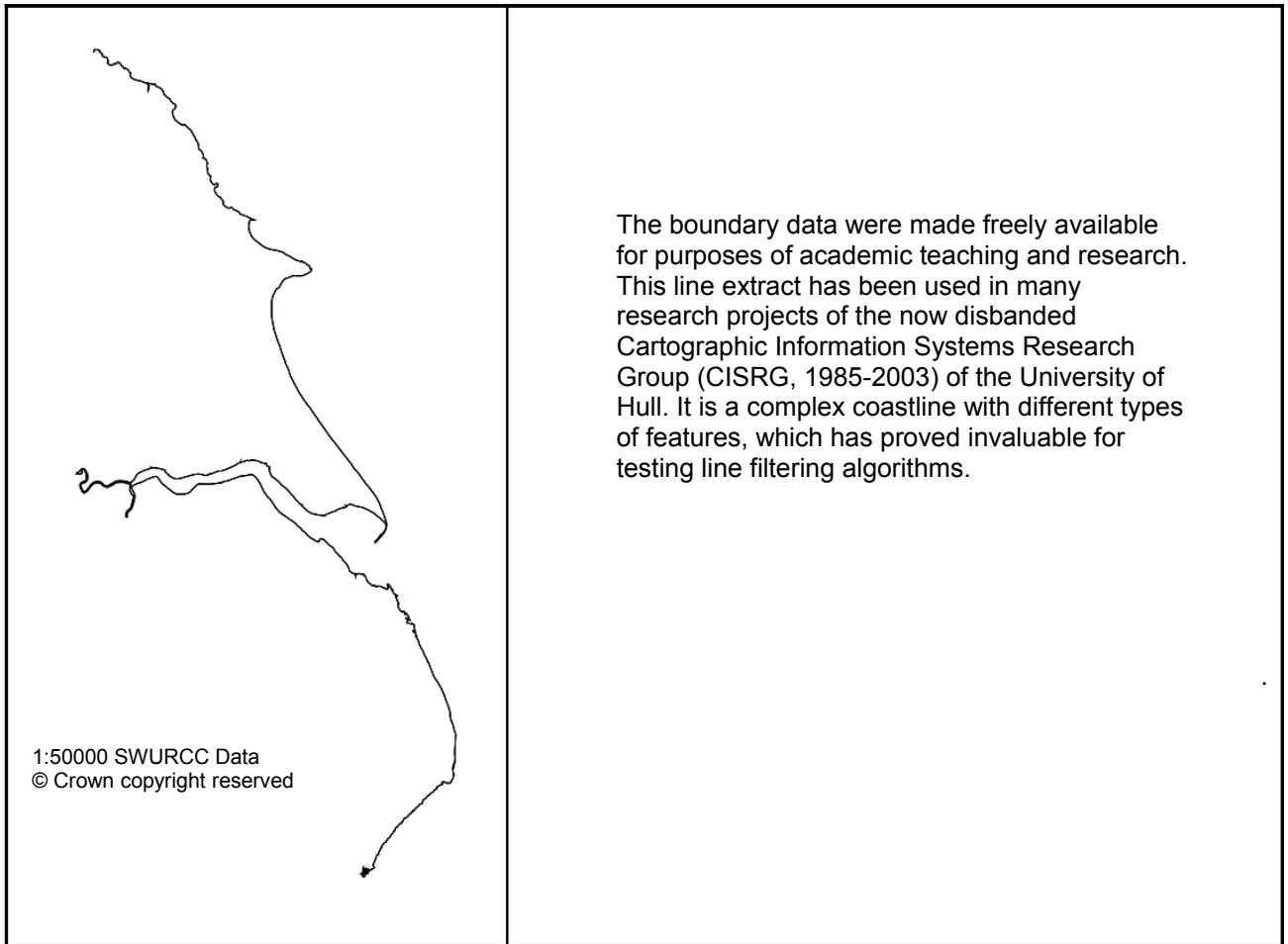
You may use this data for teaching and research provided you make the following attributions.

1. Cite the following in the text. ***The following data was derived from Ordnance Survey Data [1988]. It consists of a single line from files containing the boundaries of British Administrative Areas. The boundaries were digitised by the Department of Environment and the Scottish Development Department from 1:50000 Ordnance Survey maps. The files were then held at the South West Universities Regional Computer Centre (Wise, 1988).***
2. Acknowledge the source of the data with © **Crown Copyright reserved**. This attribution must be included **within**:
  - a) the acknowledgement section of any report or publication
  - b) all figures using the data (as shown in the figure below).
3. Please include the following link to this page for the benefit of others.  
<https://hydra.hull.ac.uk/resources/hull:9040>

### References

Visvalingam M and Whelan JC (2014) Implications of Weighting Metrics for Line Generalisation with Visvalingam's Algorithm, **Explorations in Digital Cartography Discussion paper 1**, Department of Computer Science, University of Hull, 25 pp. Download from: <https://hydra.hull.ac.uk/resources/hull:10064>

Wise, S (1988) "Using the DoE and SDD Digitised Boundary Data at SWURCC", User Guide, Bath University Computing Services, Bath, Avon



The following 2227 pairs of x and y co-ordinates are tab-separated.

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