

## Physico-chemical determinands

There are a small set of basic physico-chemical determinands that are required for nearly all studies within LOIS, but which are not themselves the focus of any of the studies.

To avoid needless repetition and cross referencing, these have been grouped into their own theme.

Examples included on the CD-ROM are:

- **shelf edge current data from drifters** launched inside the shelf edge study area,
- current meter, temperature and depth time series data collected for moored instruments in the shelf edge study area (**shelf edge mooring data**) and (**shelf edge sampling stations**),
- conductivity, temperature and depth data for the S line in the shelf edge study area (**shelf edge CTD data**),
- a time series of temperature images for the Tweed estuary derived from the Airborne Thematic Mapper (**water temperature from airborne remotely sensed images**),
- **land cover data** for the UK created from information from the Landsat satellite,
- a **generalised river network** for the LOIS study area derived from the IH 1:50,000 river network,
- **integrated topography and bathymetry** for the UK mainland, the North Sea and across the shelf edge into the North Atlantic,
- **onshore geology data** for the UK mainland,
- the **coastline data** derived from the World Vector Shoreline dataset.