

Mapping the water chemistry of the Clyde Basin drainage network.

Mapping the chemistry of stream and river water across the Clyde Basin serves both to characterise the water quality and assess the dominant controls. Surveys of the Clyde drainage network, undertaken between 2003 and 2010, have generated data encompassing rural and urban streams, rivers, and estuarine water. Mapping displays the large spatial variability in chemical composition across the Basin and the varying influences of controls such as rainfall, land cover and geology. They also display the chemistry of the urban area within the context of the wider drainage network. This presentation highlights the upcoming production of an online atlas and database of surface-water chemistry which characterises the Clyde drainage network and provides a new resource for stakeholder organisations.