

Dr Jessica Craig

Who are you and what do you do?

The Fisheries Data Programme collects data to describe the status of Scottish fisheries, including: market and observer sampling; fish age determination; data collation; and research-vessel surveys. The Fisheries Statistics Group verifies the quality of the data collected and provides catch estimates for the ICES stock assessment process.

Example Work

Megrim Otolith Reader Exchange

Fish otoliths (ear bones) are aged to determine age/length relationships, enabling assessment of fish populations.

- I analysed data from several institutes to identify factors affecting disparity in age readings.
- Results were presented at the Exchange, where reading protocols are agreed.



FishPi2 project

The FishPi2 project develops tools and case studies for regional cooperation in biological sampling from commercial fisheries.

- I am developing R functions to provide statistical
- tools for stock assessment.
- E.g. a function that plots the spatial and temporal
- distribution of fishery landings from a selected port, as well as the top 10 species landed.

What would help me do my job better?

Learn and Sharing knowledge is important to be able to work efficiently. In my two months here, I would value more resources for meeting other people, understanding their roles and to discuss and exchange ideas.