

# The Patagonian Toothfish

The influence of oceanographic controls on dispersal of the Patagonian toothfish on the Falkland Island Plateau

## My Research

To understand the early life stages of toothfish and controls on their dispersal. Help continue sustainable management of valuable stocks.

## Background

Toothfish are a deep sea species found in the cold, temperate waters of the Southern oceans. The Patagonian toothfish is found in Falkland Island waters and is commercially fished.

## Justification

Sustainability of fisheries is vital to keeping healthy fish populations. Informed fisheries management relies on knowledge of the species life history.

## Methods

Observe changes in buoyancy throughout the egg phase. Build a picture of the oceanography in the area. Use computer models to predict distribution.



Source: Google maps



Emma Harte  
MSc candidate  
Department of Marine Science

