

# HEALTHY OYSTERS, HEALTHY OCEANS, HEALTHY PEOPLE

## The Question?

How do hydrodynamics within kelp beds influence microbial compositions of flat oysters (*Ostrea chilensis*)?

## Why is this important?

To explore the potential for kelp-shellfish co-existence. Oysters improve water quality, support biodiversity, providing habitat and are an important food source, so, declines in their health can affect entire coastal systems and food availability.

## Study method?

Oysters are placed within and adjacent to kelp forests along the Otago coast. After they are collected, their health and microbiomes are assessed and compared.

## Fun fact?

A single adult flat oyster can filter up to 200L of water per day

