

# Tangible worked example development

## Objective

- Comparison of steps to develop catch advice under EBFM approach vs a single species approach, not the outcome
- Demonstration of concept

## Approach

- Start simple, add more complexity as needed to demonstrate the concept

## MSE (later)

- Comparison of performance of different output controls to achieve desirable objectives.

# Tangible Worked Example development

## Shiny app and spreadsheet

- Demonstration of decisions of two different management procedures
- Single stock vs. stock complex catch limits

## Starting conditions (buttons)

- Equilibrium at MSY, Stressed, Healthy

## Stock interaction (predation)

- Instructive via a relative slider (stock A on stock C) –(slider)

## Management uncertainty

- Mimics maximum retention and/or increase retention through stock complex allocation (slider)

## Discarding/fishery selection

- EBFM with higher retention for landings (slider)