# Exploring Ocean Futures

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## Outline

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## Ecopath with Ecosim

- Scientific tool for ecosystem management
- 18 years of development by scientist
- Describes an ecosystem
  - Snapshot
  - Time dynamic
  - Spatial dynamics

## Dataset

- Individual Scenario
  - Input variables
    - Fishing effort (4)
    - Marine protected areas (4)
  - Output variables
    - Value, Cost, Profit per fishery (4)
    - Biodiversity (4)
- Scenario comparison
  - Value, Cost, Profit
  - Biodiversity

## Goals

- Extend Current interface for laymen;
- Clear use of modes;
  - Exploration;
  - Run;
  - Discussion.

## Exploration

- Smarter use of layering;
- Small multiples;
- Overview plus detail;
- Smarter use of color;
- Blank comparator;
- Bank to 45 degrees.

## Run

- Nov 11th - Gather variables required for simulation runs. Create more variables if required.
- Nov 18th - Develop class framework for drawing maps, fishing effort graph, biomass plots, biodiversity plots.
- Nov 20th - Completion of exploration mode.
- Nov 25th - Completion of run mode.
- Dec 2nd - Completion of discussion mode.
- Dec 9th - Completion

## Discussion

Use of lens or Blink Comparator?

Comments???

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