

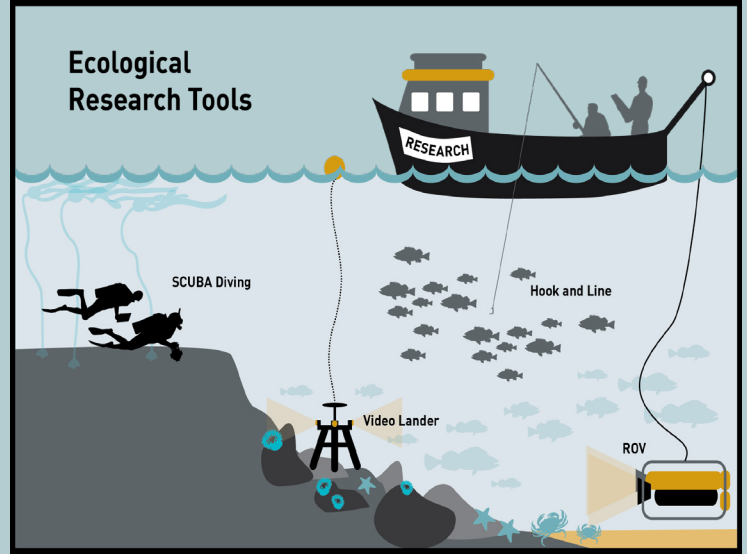
WHAT, HOW, AND WHEN DO WE MONITOR AT CAPE PERPETUA?

WHAT?

We are monitoring five components of the marine ecosystem and looking to see if or how they change over time. We are monitoring fish, invertebrates, macroalgae, habitats, and oceanographic conditions.

HOW?

To monitor ecological changes over time we are using several monitoring tools. These include hook and line surveys and Remotely Operated Vehicle (ROV) surveys. We do not use the video landers or SCUBA divers at Cape Perpetua because the site is too limited and deep for these tools.



Invertebrates



Habitat



Macroalgae



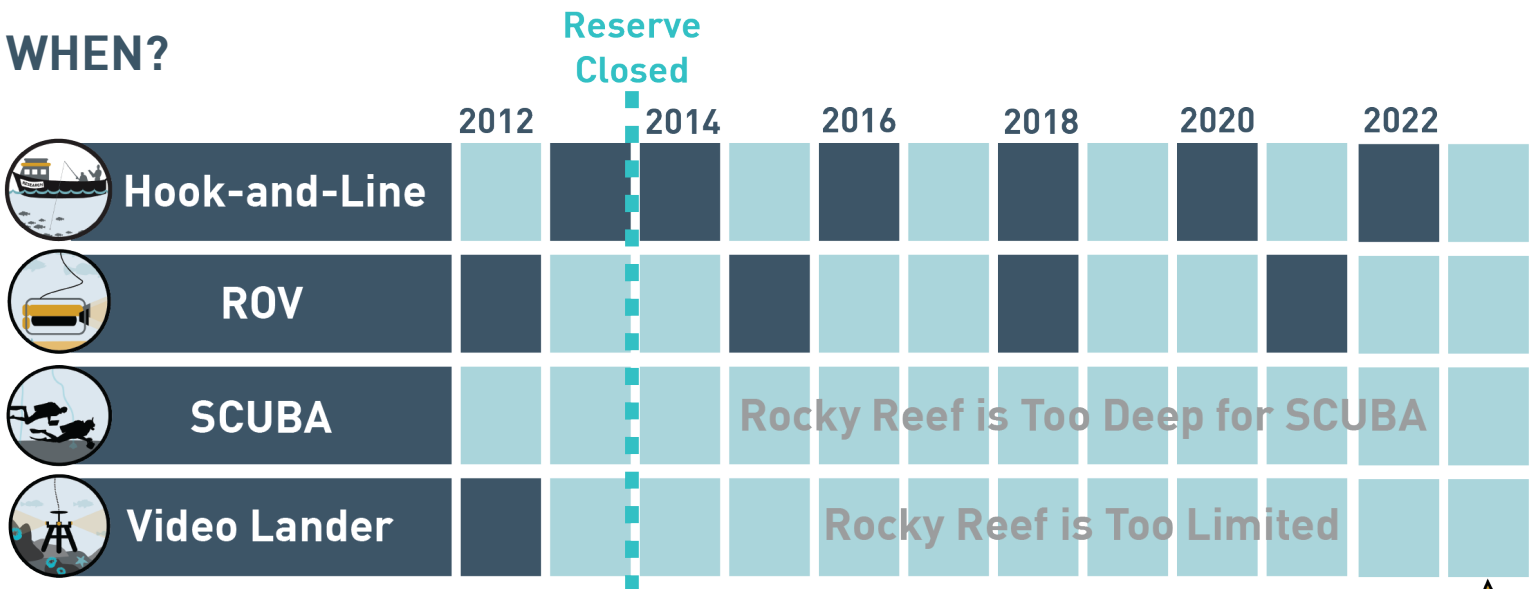
Fish



Oceanographic

We are tracking any changes over time in organism size, organism abundance, and community composition. We'll then compare the magnitude and direction of any observed changes between the reserve and our comparison areas to separately identify changes that are due to marine reserve management and those due to natural variations in the ocean.

WHEN?



Program Evaluation ★