# Package 'abalone'

June 12, 2025

read\_shp(shape = c("usa", "eez", "contshelf50", "contshelf200", "mpas"))

Usage

2 read\_shp

### **Arguments**

shape

One of the default shapefiles to use. Options are:

- "usa" The contiguous United States land boundary.
- "eez" The U.S. West Coast EEZ
- "contshelf50" The 50 m isobath
- "contshelf200" The 200m isobath (i.e., the continental shelf)
- "mpas" Californian marine protected areas

#### **Details**

The shapefiles are stored in /extdata.

## Available shapefiles:

- usa: usa\_contiguous.shp
- eez: westcoast\_eez.shp. Derived from 'Marine Regions' dataset: https://www.marineregions.org/
- contshelf50: cont\_shelf\_50m.shp. Derived from GEBCO 2024
- contshelf200: cont\_shelf\_200m.shp. Derived from GEBCO 2024.
- mpas: california\_mpas.shp. From CDFW dataset: 'California Marine Protected Areas ds582', representing all MPAs as of 1 Jan, 2019.

#### Value

An sf object of the chosen shapefile