SW Red Sea

Global Threat Indicators

Fishing:
Market Pressure

Market gravity

0   100   1,000,000

Pollution:
Sedimentation

ton / km2

0   100   10,000

Pollution:
Nutrients

ton / km2

0   10   100,000

Coastal Development:
Human Population

Number of individuals

0   10,000   10,000,000

Industrial Development:
Ports

Number of ports

0   3   6

Tourism:
Reef Value

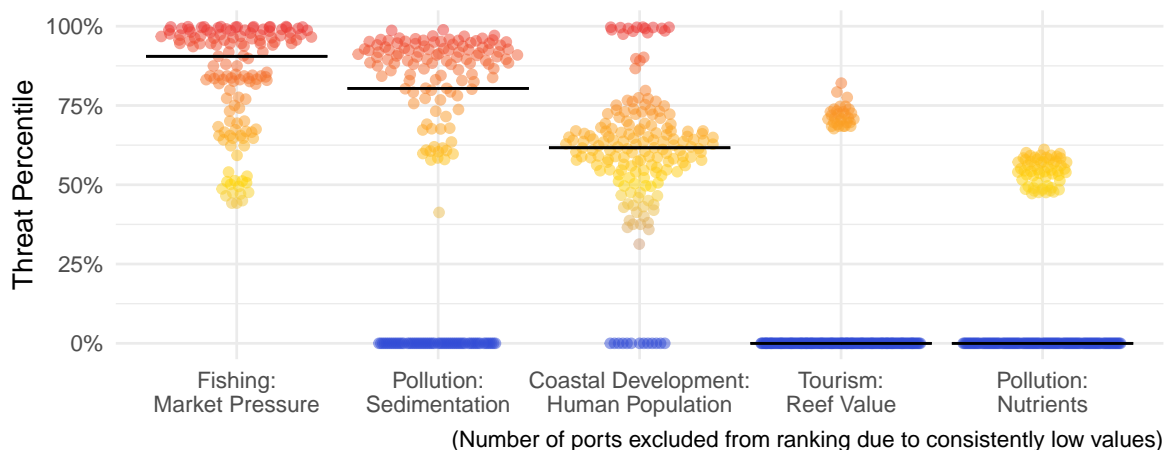USD (thousands)

0   250   250,000
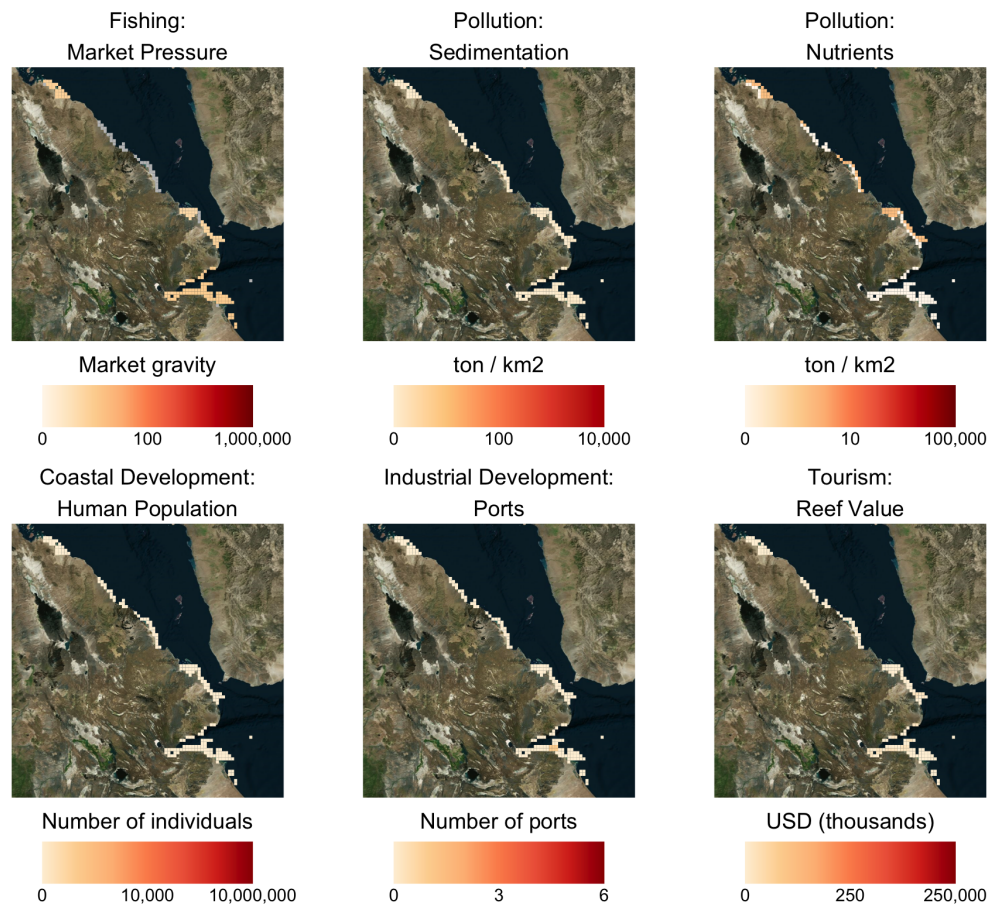
1) This is a mapping exercise that ranks a series of global data layers to understand the different contexts and/or threats of various reef locations. Local knowledge and validation is crucial.
2) Preliminary results are subject to change following scientific peer review; updated data layers can be found on https://programs.wcs.org/vibrantoceans/Map

Top Two Threats

1. Fishing: Market Pressure

2. Pollution: Sedimentation

Threat Ranking

Threats ranked from highest to lowest; BCU average and pixels compared to all reef pixels

A value in the 50th percentile means that the BCU's average is higher than 50% of the world's coral reefs values

Threat Percentile

Fishing: Market Pressure | Pollution: Sedimentation | Coastal Development: Human Population | Tourism: Reef Value | Pollution: Nutrients

(Number of ports excluded from ranking due to consistently low values)

Global Context

▲ Global Average   ● Other Red Sea–Persian Gulf BCU Averages   Low ▬▬ High

Fishing: Market Pressure

Pollution: Sedimentation

Pollution: Nutrients

Coastal Development: Human Population

Industrial Development: Ports

Tourism: Reef Value

Climate: Composite Score

Climate: Connectivity

Climate: Cyclone Risk

Climate: Thermal Future

Climate: Thermal History

Climate: Recent Stress