Healthy Oceans. Healthy People.

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a HEALTHY OCEAN sustainably delivers a range of benefits to people both now and in the future
The Ocean Health Index provides a collaborative and common framework for coordination among sectors within a country & countries within a region

- using a quantitative, repeatable, transparent and comprehensive decision-making tool
- that measures & tracks ocean uses and benefits
- with shared and clear language
Food Provision
Harvesting and producing seafood sustainably

Artisanal Fishing Opportunities
Ensuring food for local communities

Natural Products
Harvesting non-food ocean resources sustainably

Carbon Storage
Preserving habitats that absorb carbon

Coastal Protection
Preserving habitats that safeguard shores

Livelihoods & Economies
Sustaining jobs, wages, and revenues of coastal economies

Tourism & Recreation
Maintaining the attraction of coastal destinations

Sense of Place
Protecting iconic species and special places

Clean Waters
Minimizing pollution

Biodiversity
Supporting the health of marine ecosystems and species
Ocean Health Index+

+ = independent assessment

- uses the same framework at local, politically relevant scales
- customized by stakeholders to meet local management needs
- use of higher resolution data to better reflect local realities
Ocean Health Index Applications

- Assessing positive and negative **feedback** from management **actions** in multiple sectors over **time**
- Organizing **existing data** and identifying data **gaps** and **priorities**
- **Strategic** environmental assessments [Guayaquil Bay, Ecuador]
- **Aggregating** national actions within regional strategies [Baltic Sea]
- Conveying the **aggregate benefit of oceans** and providing a **scientifically-rigorous framework** for **Blue Economy** guidelines and institutional requirements [Hawai’i]
- Reporting mechanism for conditions in **marine protected areas** [USA] and developing management plans for new MPAs [New Caledonia]
OHI+ Assessment Structure

PHASE 1: Learn about OHI
- Understand the OHI framework and philosophy
- Determine the need and purpose
- Plan and partner with decision makers and key stakeholders
- Assemble a skilled team and develop a strategic plan and timeline

PHASE 2: Plan an OHI+ assessment
- Document all decisions
- Implement an outreach strategy

PHASE 3: Conduct an OHI+ assessment
- Data discovery and acquisition
- Modify goal models and set reference points
- Use OHI Toolbox, analyze data, and calculate scores

PHASE 4: Management, policies & outreach
- Interpret scores and publish findings
- Develop and implement policy and management interventions
example: Artisanal fishing opportunities

- Trend five most recent years 33%
- Current Status 50%
- Probable Future State

Pressures 8.5%
- pollution
- Habitat destruction
- Invasive species
- by-catch
- sea level rise
- governance

Resilience 8.5%
- fishing regulation
- habitat integrity
- species diversity
- governance

Current Status 50%
- access
- need

status 2010
status 2011
status 2012
status 2013
status 2014
Merci!

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