




Working Together in a new Collaborative era

An ocean of priorities and opportunities

Jon White, *RADM, U.S. Navy (Ret.)*
President and CEO, Consortium for Ocean Leadership
2 May 2017



A Washington, DC-based nonprofit organization that represents more than 90 of the leading public and private ocean research and education institutions, aquaria and industry with the mission to advance research, education and sound ocean policy.

Discovery, Understanding, Action

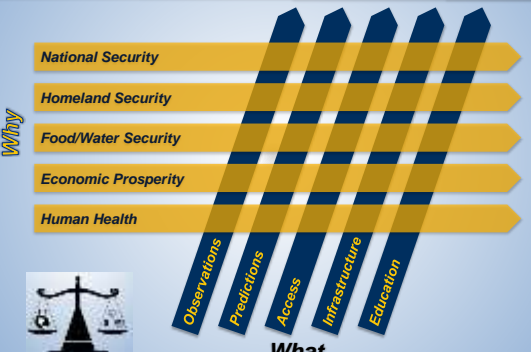
Collaboration begins with COL

In The Balance: Security & Prosperity



Sustainment **Risk**

Ocean Priorities → Earth Priorities?



Why

- National Security
- Homeland Security
- Food/Water Security
- Economic Prosperity
- Human Health

What

- Observations
- Predictions
- Access
- Infrastructure
- Education

Science Based Decision-Making



Action

DECISION IMPACT ANALYSIS DATA

Earth System Knowledge

Weather, Ocean, Climate, Ice, Land, ...



Climate components: Atmosphere, Ocean, Land, Ice, Biosphere

Earth System Knowledge **Today**
 Climate, Weather, Ocean, Ice, ...



7



Earth System Knowledge **Tomorrow?**
 Climate, Weather, Ocean, Ice, ...


8

Do we need ships?



9

We must build SHIPs!



- LeaderSHIP
- OwnerSHIP
- PartnerSHIP
- StewardSHIP
- ScholarSHIP
- \$ponsorSHIP, EntrepreneurSHIP, ...

10

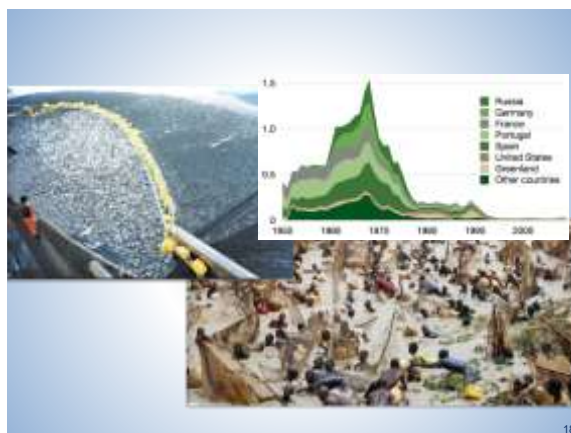
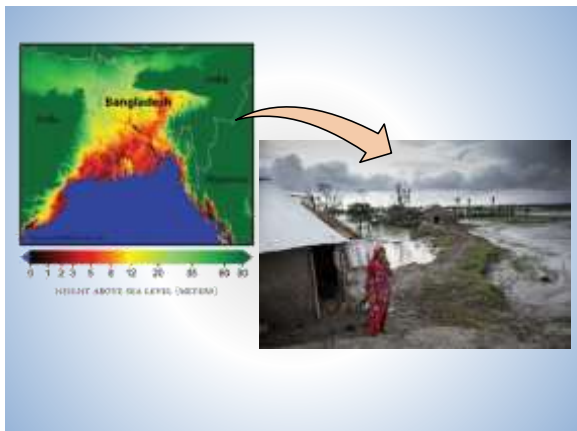


CONSORTIUM FOR
Ocean Leadership

jwhite@oceanleadership.org

11







19

Opportunities? **Food**

An aerial photograph of several circular aquaculture cages floating in the ocean. The cages are made of metal frames and are arranged in a grid-like pattern.

20

Opportunities? **Water**

A photograph of a futuristic water filtration device. It features a central white dome-shaped component with a blue band around it, mounted on a dark, multi-lobed base.

21

Opportunities? **Energy**

An aerial photograph of a row of offshore wind turbines in the ocean. The turbines are white with three blades and are spaced out along a line.

22

Opportunities? **Energy**

An aerial photograph of a nuclear power plant. Two large cooling towers are visible, with white steam rising from them. The plant is situated near a body of water.

23

Opportunities? **Shelter**

A 3D architectural rendering of a futuristic city built on a floating island. The city features modern buildings, roads, and a central area with a large, circular structure. The island is surrounded by water and has a blue sky with clouds in the background.

24

Opportunities?

Health



25

Opportunities?

Tourism



Opportunities?

New Blue Economy

