Introduction to Review Themes David McKinnie

#### **Ocean Exploration:** Mapping and

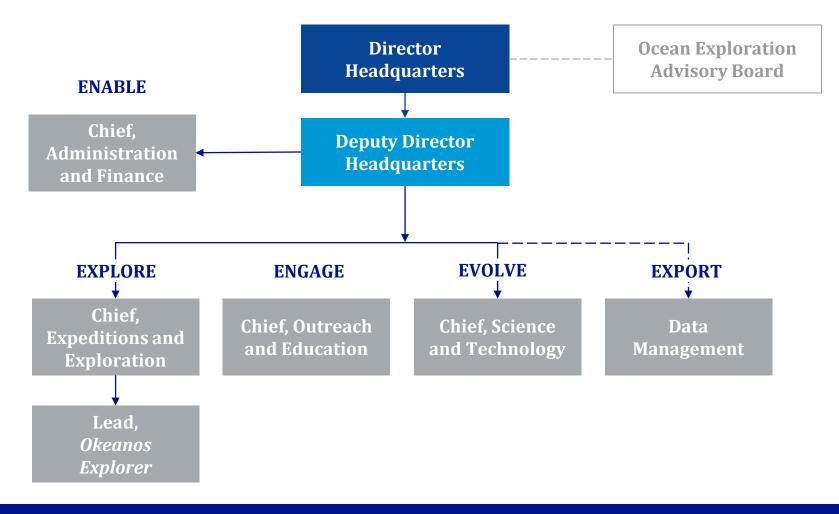
- Characterization
- **Technology:** Development, Application, and Program Use
- **Engagement:** Reaching the Public
- **Data and Information:** Availability and Access **Business Operations:** Executing OEP's Mission
- **Business Operations:** Executing OER's Mission

# **OER Strategic Plan Goals**

- 1. Make Discoveries of Scientific, Economic, and Cultural Value, with Priority Given to the U.S. EEZ and Extended Continental Shelf
- 2. Promote Technological Innovation to Advance Ocean Exploration
- 3. Provide Public Access to Data and Information
- 4. Encourage the Next Generation of Ocean Explorers, Scientists, and Engineers
- 5. Expand the National Ocean Exploration Program through Partnerships
- 6. [Optimize the Organization to Support These Goals]



#### **OER Office Structure**



OceanExplorer.NOAA.gov



## **Evaluation Criterion: Quality**

Measure of effectiveness based on community engagement, planning, operations, and delivery of information to those who need it.



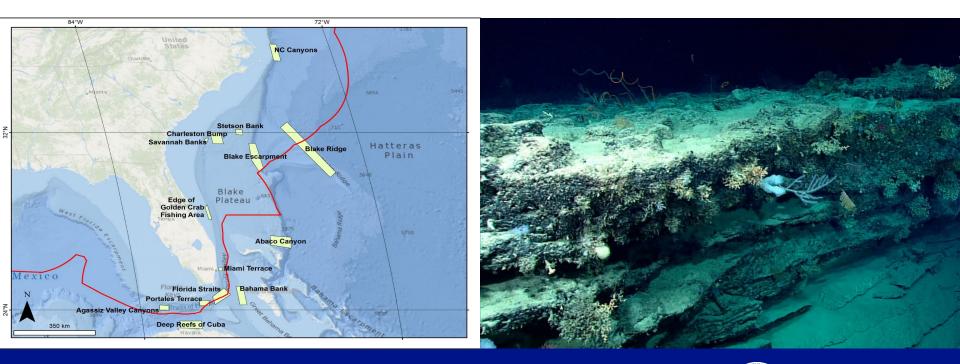


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#### **Evaluation Criterion: Relevance**

Degree to which OER's activities are relevant to NOAA and OAR missions, and are of value to the nation.





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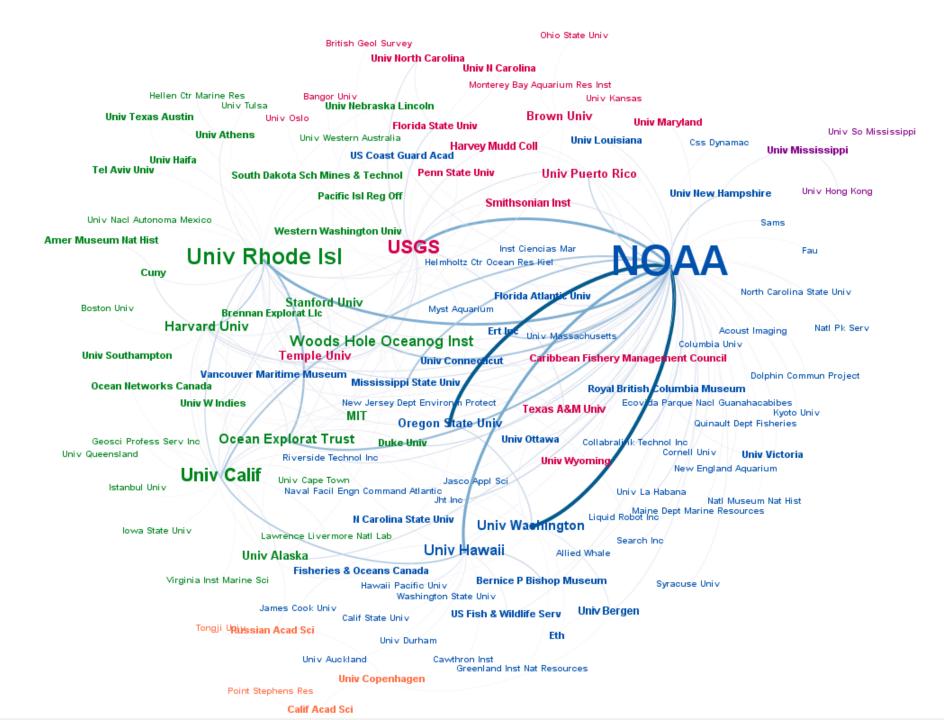
Measure of effectiveness (ability to achieve useful results) and efficiency (ability to achieve quality, relevance, and effectiveness in a timely fashion with minimal waste). Also a measure of accountability: how well the program directs its own operations and how well those operations ... further the goals of NOAA and program strategic plans.



## **OER Performance Management**

- Government Performance and Results Act
  - Formal reporting to NOAA, DOC, OMB annual planning process
- NOAA and OAR Measures
- OER Annual Planning Process
  - Implementation Plan measures of success
- Extensive OER/NCEI tracking metrics
- Bibliographic citation analyses
- Engagement tracking (example of division-level tracking)
  - Social media/web
  - Education





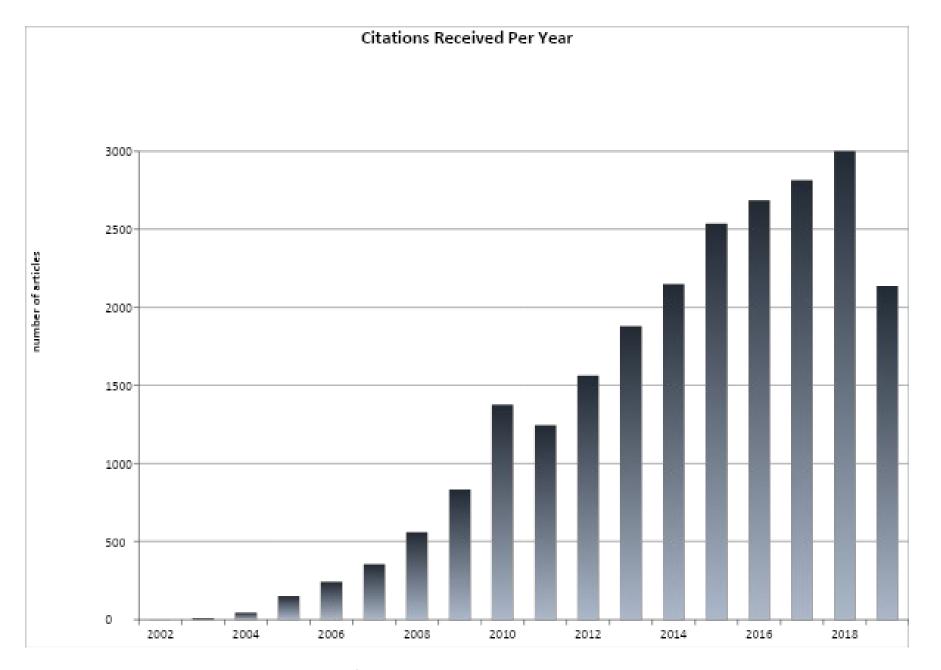
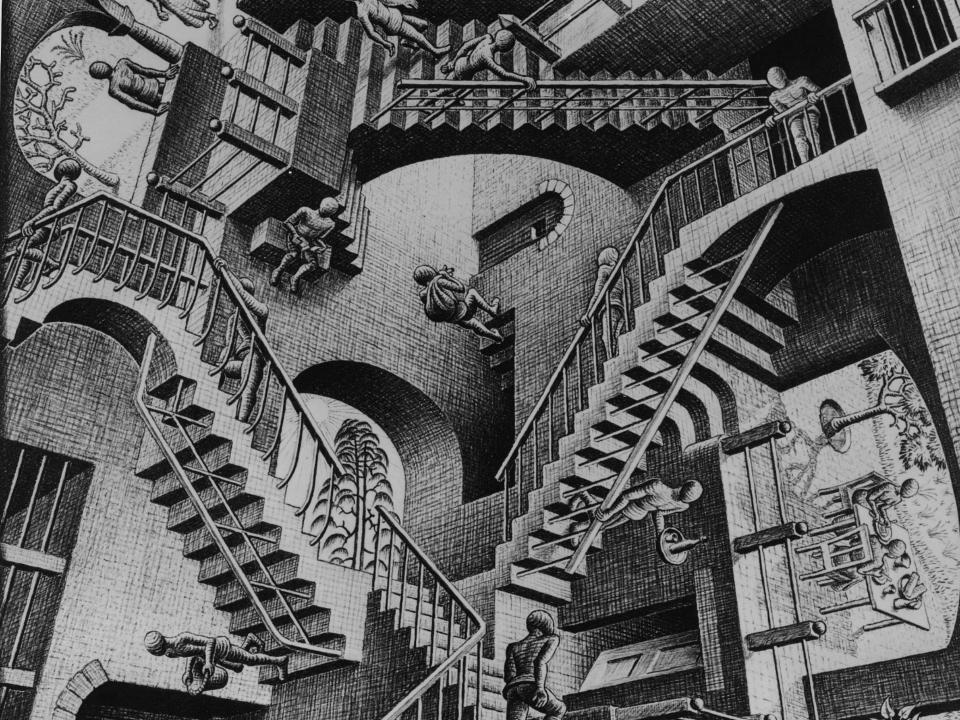


Figure 8: Non-cumulative number of citations received by all 867 OER-supported articles per year.



## **Presentation Approach**

- Each division presents on the theme that is most logically within their domain, noting that all themes cut across the entire office
- Presenters will highlight approaches, activities, and results from the past five years (2015-2019)
- Each session will close with an indication of what the next five years may hold





Ocean Exploration and Research

Image: ThayerMahan, Inc. Kraken Robotics, and OER