

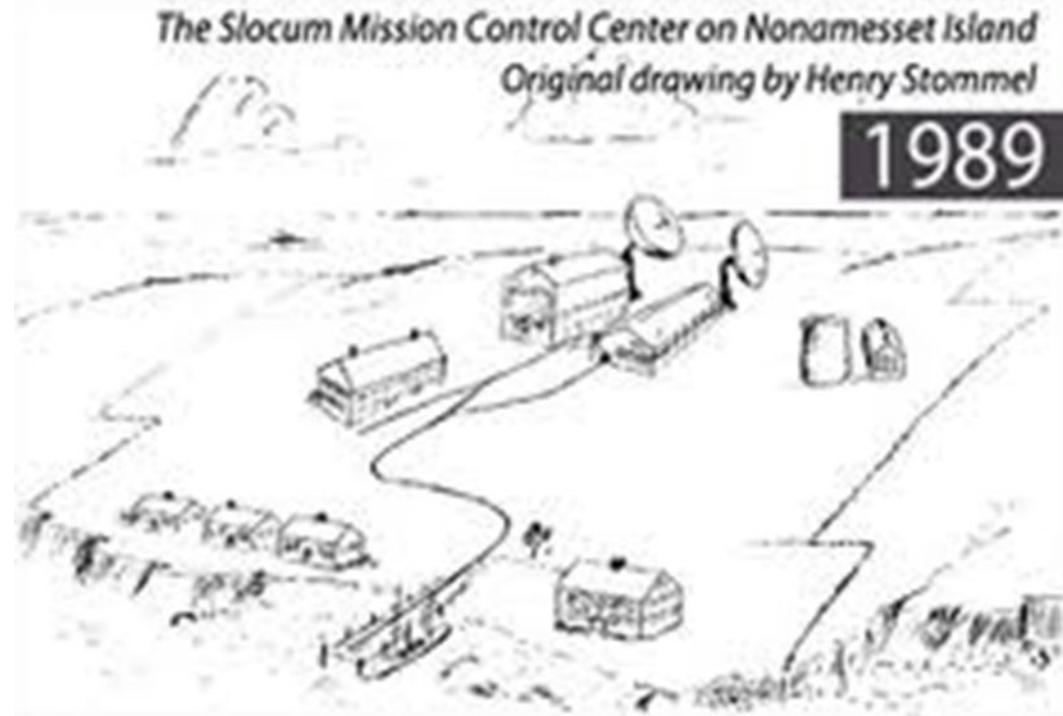
Delivering the benefits

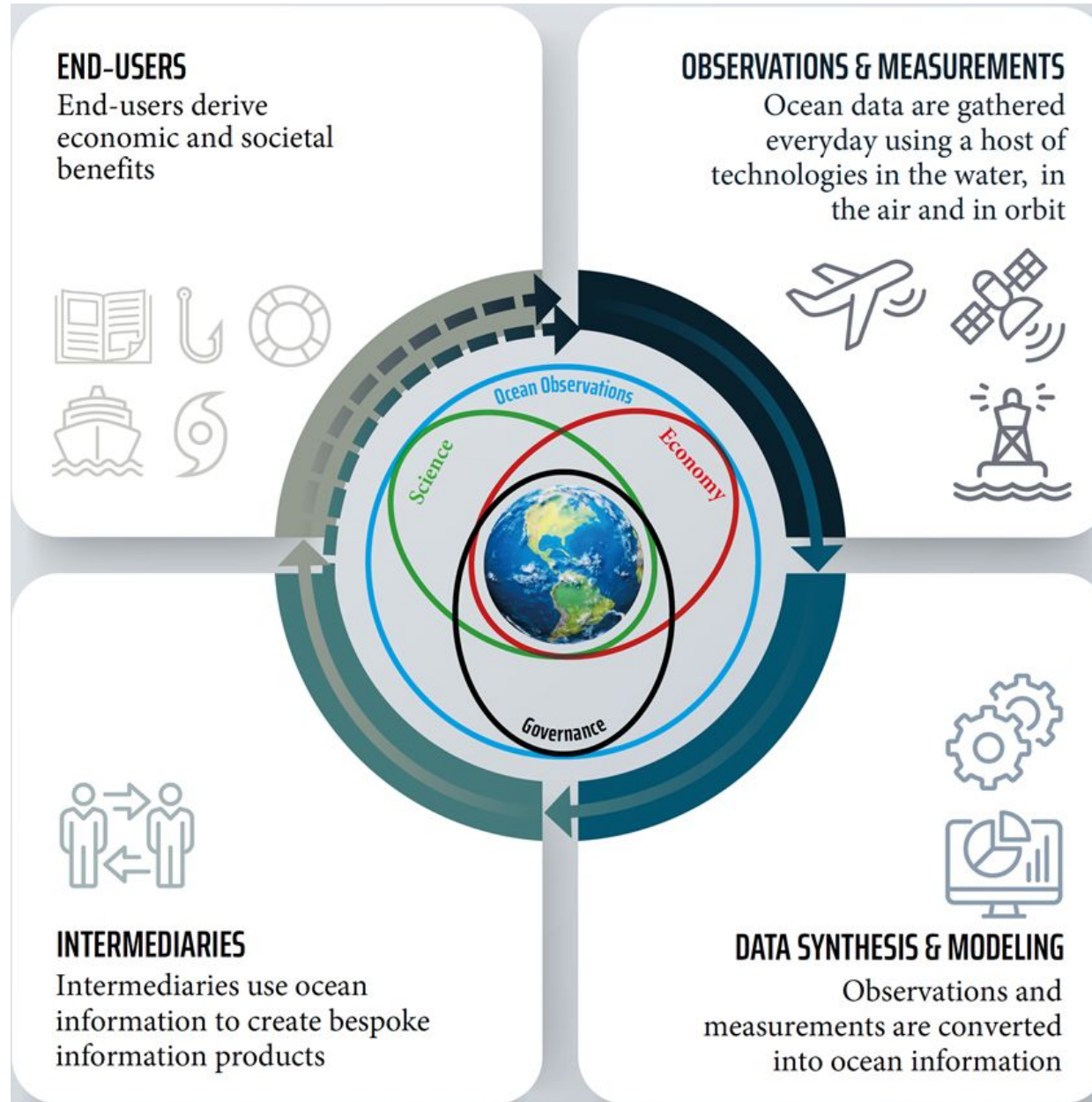
Professor Ralph Rayner



A vision for the future

- Hank Stommel's 1989 vision:





Be part of the

BOOC

- Comprehensive
- Consistent
- Easy to use

The ocean is the highway of our world economy and provides vital goods and services. From carrying cargo to creating jobs to shaping the weather, our understanding of how it works, how it moves, how it changes, and how we can best work in, on, and around it depends on observations.

Sustained operational ocean observations, measurements and forecasts provide an essential input to ocean scientific research. They support a wide range of societal and economic benefits related to safety, operational efficiency, regulation, and management of activities around, on, in, and under the ocean.

Although it is generally accepted that sustained operational ocean observations, measurements, and forecasts deliver substantial socioeconomic benefits, there has been no comprehensive resource detailing such benefits in a consistent framework and available to the ocean community from a single source. Until now.

As a web-based catalogue, the BOOC will provide a **valuable resource for the ocean observation, measurement and forecasting community** illustrating the ways in which different types of ocean information delivers benefits in a region or for a type of use.



The repository will be **built using readily available GIS, web and database tools**. It will be populated with case studies derived from existing published papers and reports as well as unpublished benefit cases sourced across the ocean observation community.

BOOC will be designed so that the community can easily submit additional benefit cases, which will be moderated for inclusion. Through this updating and review process **the catalogue will increase in utility** as it expands over time.



Benefits of Ocean Observations Catalog

Community developed Community driven Community benefit

Community Engagement



Building on work begun at OceanObs 19, the BOOC project aims to engage with the entire ocean observation, measurement, and modeling community.

Collecting Case Studies



The BOOC will be continuously updated with new use case studies that demonstrate the benefits of ocean observing worldwide.

Developing Standards



The BOOC will provide the community with access to a comprehensive, consistent, and constantly improving view of the benefits of ocean observing that can be easily searched by location, benefit area, and type of observation.

Thank you!

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