

**Members:**

Deborah Bronk, College of William and Mary/VIMS,  
Chair

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**Charge:**

To assist both the time series (TS) researchers and the broader scientific community on issues relating to the TS sites. In specific:

- I. To assess the relevance and importance of TS sites and to report the findings to the Ocean Carbon and Biogeochemistry (OCB) Scientific Steering Committee, who will forward reports and recommendations on to NSF – Ocean Sciences.

Determine the needs of the oceanographic community for TS observations.

Do we need additional measurements at existing sites?

How should new technologies be incorporated in the TS program (e.g. gliders)?

Do we need additional TS sites? If yes, where and how will we pay for them?

What are the metrics of relevance and importance the final report should contain?

Leveraged proposals? Citations?

Dissertations?

How do we “quantify” the many comments when TS are mentioned

II. To facilitate communication and consistency between the existing TS sites.

**Short-term considerations for initial assessment:**

- Facilitate a consensus on core parameters that all TS sites will measure
- Evaluate quality of measurements
- Organize intercalibration of methods between sites
- Revision of the standard methods manual
- Discuss the optimal sampling frequency for different parameters
- Evolving the measurement suite vs. maintaining continuity
- Role of moorings at the TS sites
- Long-term data storage and accessibility
- Should moorings be placed at the TS sites?

## **Long-term considerations:**

- Interaction between the TS sites and the Ocean Observatories Initiative (OOI)
- Interaction between the TS sites and the Ocean Research Interactive Observatory Network (ORION)
- Future evaluation of proposals – as a hypothesis driven research program or as a facility
- Cost savings mechanisms for TS observations – central analytical centers?
- Optimizing synthesis of data collected at the TS sites (proposal calls?)

## Flow of information:

