OceanObs ’19 (oceanobs19.net) will build on the successes of the Framework that was developed as a result of OceanObs ’09. Leading up to the conference experts will articulate how the Framework can be of enhanced benefit to the ocean observing community. Information collected via the FOO 2.0 project will be a major contribution to the processes undertaken in association with this important community and user-driven conference.

GET INVOLVED!

Throughout 2018, a series of one-on-one, conference, and online interactive sessions will be conducted with the goal of collecting input related to the utility of the Framework.

If you would like information on details please visit:
frameworkforoceanobserving.org

If you are aware of a meeting where a brief on this project is desirable, we invite you to please send an email to one of the following email addresses.

CONTACT US!

mccurdy@ucar.edu
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HOW HAS THE FRAMEWORK HELPED?
HOW CAN IT BE MORE HELPFUL?

prepared by the post-OceanObs’09 Task Team for an Integrated Framework for Sustained Ocean Observing
frameworkforoceanobserving.org
THE FRAMEWORK

ORIGIN OF THE FRAMEWORK
Better integration of international ocean observing efforts, that support both science and societal needs, was a key recommendation of the OceanObs’09 Conference held in Venice, Italy in 2009 (oceanobs09.net).

The Framework for Ocean Observing was developed to provide common processes to improve integration (oceanobs09.net/foo/).

SINCE THEN
Many observing groups worldwide have used Framework processes successfully to collaborate in defining Essential Ocean Variables (EOVs) requirements.

However, Framework processes for assessing Readiness Levels of new observing technologies, making trade-offs to optimize the system, and the sharing of Best Practices have not yet been widely embraced.

THE FUTURE – FOO 2.0 PROJECT
A new effort has been initiated to review past use and make future improvements to the Framework. Input is being sought through various means.

Interviews will be conducted with a wide range of ocean observing programs, government sponsors, and industry and citizen users. We will also open the floor for input in town hall sessions at US and international ocean meetings.

GOALS OF THE FOO 2.0 PROJECT

Expanded support to the ocean observing community
Enhanced processes for implementation and integration
Improved response to science, citizen, and industry users

A SYSTEM APPROACH
The Framework takes a system approach tracking Inputs (requirements) to Processes (observations), to Outputs (data and products) that interface to science and societal feedback loops.

ASSESSMENTS AND TRADEOFFS
Targeting GOOS investments based on Essential Ocean Variables and Mature sustained observations, ensures a path for research and innovation.

OVERSIGHT
Oversight of Framework processes and outcomes is managed by the Global Ocean Observing System.

\[ \text{Issues} \]
\[ \begin{align*}
\text{Requirements Setting} & \\
\text{What to Measure} & \\
\text{Essential Ocean Variables} & \\
\end{align*} \]

\[ \text{Issues} \]
\[ \begin{align*}
\text{Data Assembly} & \\
\text{Data Products Creation} & \\
\text{Observations Deployment and Maintenance} & \\
\end{align*} \]

\[ \text{FOO Readiness Levels} \]

\[ \text{Target Investment} \]

\[ \begin{align*}
\text{LOW} & \\
\text{HIGH} & \\
\text{FEASIBILITY} & \\
\end{align*} \]