Ocean Data Sharing and Analytics

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Dream with US

- I would like to undertake.

- I specify a region and time of interest.

- I initiate a dialog with a colleague with extensive knowledge of the data I need.

- The dialog is undertaken in the context of a 4-d realization of my study area with data displayed as clouds of points, sheets or 4-d objects.

- I am immersed in this datasphere, moving through it, expanding or contracting regions.

- The data aggregate and disaggregate as the scale changes.

- I can query the developer or curator of any data collection at any time.

- I experiment with subsets of data collections to determine their applicability.

- I move seamlessly from data discovery to analysis and back

- At any point I can obtain the appropriate citations to all data objects displayed

- The data provider garners information from me about the quality of her/his data.

- The system learns from this interactive process.

- My colleagues and the dataset curators queried are Hal 9000, Siri, Watson, OK Google.

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- How much do we think will be possible in 2025?

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