

SC3 discussion seed questions

- 1. What is the space/time resolution of the current 5+ satellite constellation? Has the along-track resolution been fully utilized in gridded products?
- 2. How to ingest SWOT and fine-scale along-track altimetry data into altimetry analysis?
 - How to handle the high-frequency motions of internal tides and waves?
 - How to handle the incoherent sampling of SWOT/fine-scale along track data, in particular its infrequent temporal sampling?
- 3. What are the future innovations in the synergy of satellite data and in-situ observations including data assimilation method and simple statistical and dynamical interpolations.
- Machine learning?