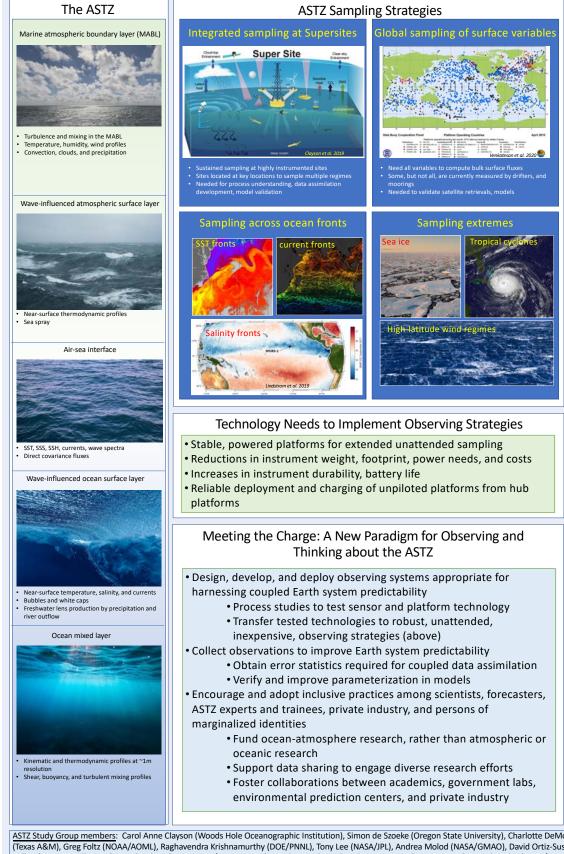


Recommendations from the Air-Sea Transition Zone Study Group



Charlotte A. DeMott¹, Carol Anne Clayson², Simon de Szoeke³ ¹Colorado State University ²Woods Hole Oceanographic Institute ³Oregon State University



The Charge Develop a well-defined strategy to advance observing and modeling capabilities and understanding of air-sea interaction at all scales required for harnessing Earth System Prediction

- Identify current capabilities and key gaps
- Assess the relative importance to ESP to resolve various space and time scales
- Build upon recent and potential future advances in sensor/platform technology
- Explore possibilities of using modern statistical and modeling tools and co-designing air-sea observing and data assimilation (DA) systems
- Liaise and coordinate with other relevant US and international activities
- Produce strategy document providing system recommendations



ASTZ Study Group members: Carol Anne Clayson (Woods Hole Oceanographic Institution), Simon de Szoeke (Oregon State University), Charlotte DeMott (Colorado State University), Ping Chang (Texas A&M), Greg Foltz (NOAA/AOML), Raghavendra Krishnamurthy (DOE/PNNL), Tony Lee (NASA/JPL), Andrea Molod (NASA/GMAO), David Ortiz-Suslow (Naval Postgraduate School), Julie Pullen (Jupiter Intelligence), David Richter (University of Notre Dame), Hyodae Seo (Woods Hole Oceanographic Institution), Patrick Taylor (NASA/Langley), Elizabeth Thompson (NOAA/PSL), Bia Villas Bôas (Colorado School of Mines), Chris Zappa (Columbia University), and Paquita Zuidema (University of Miami)