Breakout session #2: Vertical structure of near-surface velocity (and impact on applications)

US CLIVAR Surface Currents Workshop

Session 2: Vertical structure of near-surface velocity (and impact on applications)

- Given the current state and gaps in how we measure the vertical structure of currents, what are the biggest challenges we need to address in the next 5-10 years?
- What are the observational strategies (e.g., new technology, expanding coverage of existing technology) that should be taken to address these challenges?
- What are the improvements to modeling that should be taken to address these challenges?
- What are the key observations that modelers/assimilators need to improve their representation of near-surface ocean currents - and at what temporal/spatial scale? What is the intrinsic value of near-surface velocity observations for the modeling community? (e.g., model validation; what else?)