

Breakout Session #3

Session 3: Wind-wave-current interaction (and impact on applications)

1. Do we have good observations for wind-wave-current interactions? If not, what more/else do we need?
2. How well do models represent wind-wave-current interactions?
3. What additional observations/information do we need to improve the parameterization and data assimilation of wind-wave-current coupled interactions?
4. How is the current-wind coupling affected by waves, and how is the wind-wave coupling affected by currents (especially near the strong density fronts).
5. What are the effects of wind-wave-current interactions on vertical mixing, stratification, and biogeochemistry in the oceans?
6. What are the effects of wind-wave-current interactions on air-sea fluxes to the atmosphere?