

# Surface Stratification Working Group

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## Objectives of this 'stratification WG'

- Working definitions for sea surface salinity (SSS, OS\_xxm)
- Understand the physics for interpreting L-band remote sensing (e.g. role of rain induced roughness wrt rain induced surface salinity freshening) and for improving knowledge of processes that govern salinity stratification in the first ~10m layer: role of wind? of ocean stability? Or surface forcings? Rivers?
- This should help reconciling 5m depth and L-band SSS, and going towards an 'ARGO-like' SSS product with a quantification of errors
- Define some key regions where the community should focus (ITCZ? Atl? Pac? Ind?; SPCZ?...)

# Actions

- List of participants (40+) => mailing list (archive)
- Develop a web site (bibliography, data list..)
- Write a white paper about scientific needs (Near term web, then journal e.g., BAMS)
  - Historical overview/key processes
  - Approaches (empirical/dynamical...)
  - Identification of key regions (help to define SPURS 2 experiment)