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)