DOOS Requirements and Opportunities - Geographic Locations

Moderator: Matthias Lankhorst
Rapporteur: Renellys Perez
DOOS Requirements

• Depth: below 200 m

• DOOS document focuses on EOV (what to measure) and maturity of technology, but is vague on where to measure and when/how frequently
In a resource-limited DOOS world...

• ...you need to **balance**:
  
  • **Among different observing programs**, such as, "Should we have more hydrographic ship surveys and fewer Argo floats?"
  
  • **Within each program**, such as, "Should we do more hydrography lines at longer intervals in time, or fewer sections occupied more frequently?"

• **Hypothesis**: There is no single overarching DOOS system requirement or science objective that unambiguously determines the right balance, neither among nor within programs.
  
  • In that case, "**a little bit of everything**" might be the best / only observing strategy we can have!