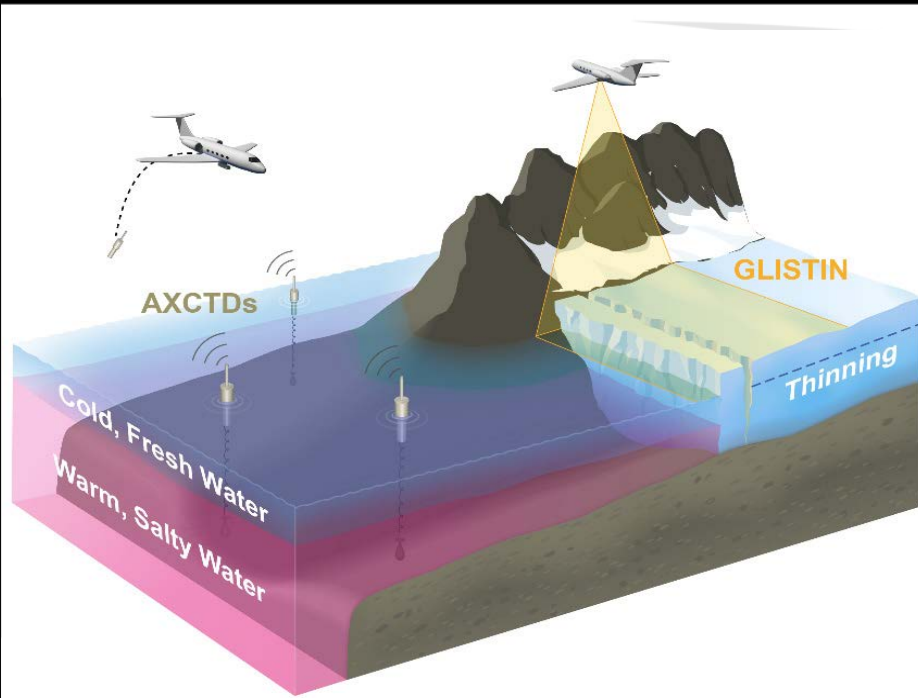




EVS-2 Investigation Summary: Oceans Melting Greenland (OMG)



Science: Will answer the question “To what extent are the oceans melting Greenland’s ice from below?”

- Investigation start date: April 1, 2015
- Airborne element
 - Gulfstream G-III (JSC)
 - Ocean properties (temperature, salinity, depth) from AXCTD probes
 - GLISTIN-A to measure glacier ice topography
 - Twin Otter (Sander); contracted data-buy
 - high precision bathymetry survey (AIRGrav)
- Ship-based element Platform
 - MV Cape Race (TerraSond); contracted data-buy
 - Bathymetry survey using Multibeam Echosounding equipment
- Deployments
 - 5 annual September (2016-2020) ocean properties surveys (AXCTD)
 - 4 annual March (2016-2019) airborne glacier topography (GLISTIN-A)
 - One-time airborne bathymetry survey split over 2 summers 2016-2017 (AIRGrav)
 - One-time ship-based bathymetry survey split over 2 summers 2015-2016

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