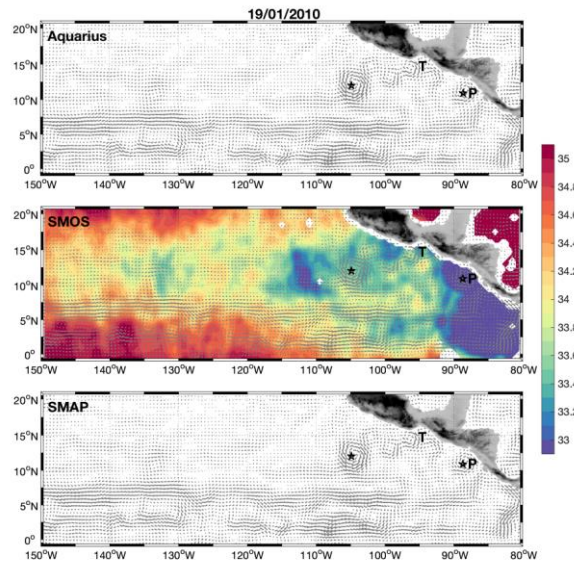


Supplementary Material



Supplementary Material 1. January 19th 2010 – October 26th 2016 SSS from Aquarius, SMOS and SMAP overlaid with CMEMS currents (shown when available). Selected eddies from the CSS Atlas are highlighted with a star on their center. Stars contoured in black for anticyclonic eddies and contoured in white for cyclonic ones. 500m black contours highlight the Pan-American topography.

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