

Announcement from Alex Kozyr: Global Surface Ocean Alkalinity Climatology data set

Kitack Lee, from Pohang University of Science and Technology, Korea, recently sent the new and very important data set to CDIAC: The Global Surface Ocean Alkalinity Climatology that was calculated using the relationships of total alkalinity with salinity and temperature. Surface Total Alkalinity fields were estimated from five regional TA relationships presented in Lee et al. [GRL, 2006, V33, L19605, doi: 10.1029/2006GL027207], using monthly mean sea surface temperature and salinity from the World Ocean Atlas 2001.

Kitack's Climatology data set is now available for the public at:

http://cdiac.ornl.gov/oceans/Lee_Surface_Alk_Climatol.html

this page is also linked from the CDIAC "All Oceanographic Data and Metadata" and "Global Ocean Surface pCO₂ Data" pages.

The gridded data set is available now as a CSV formatted file, in the ODV format with all Climatology maps, it is now searchable through Mercury. Soon, the Climatology will be available through CDIAC LAS.

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