

Product name: ANAS23t

Extended name: Monthly Atlas of temperature and salinity for the Northeast Asian Seas 2023 with a tenth horizontal resolution

Short Description:

The ANAS23t contain monthly climatological temperature and salinity, and their error variance for the Northeast Asian Seas (20-52°N, 115-145°E) with a 1/10° horizontal resolution and 73 vertical levels. For the ANAS23, over 1.6 million hydrographic profiles were analyzed, and the interpolation was carried out by the kriging method.

Authors: Yong Sun Kim, Jae-Ho Lee, and Sung-Dae Kim

Domain: 20-52°N (320 grids), 115-145°E (300 grids)

Horizontal Resolution: 1/10°

Depth Levels: 0–100 m at intervals of 5 m, 125–500 m at intervals of 25 m, 550–1,500 m at intervals of 50 m, and 1,500–5,500 m at intervals of 250 m (73 layers)

Temporal Interval: monthly climatology for 0-1,500m, annual climatology below 1,500 m

Variable: tmp (Temperature), sal (Salinity), tmp_errvar (Error Variance of Temperature), sal_errvar (Error Variance of Salinity)