

Introduction of J-OFURO version 2

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The ocean surface heat flux plays an essential role in the global climate system. We constructed ocean surface data sets using mainly satellite data and called them Japanese Ocean Flux data sets with Use of Remote sensing Observations (J-OFURO). The data sets include shortwave radiation, longwave radiation, latent heat flux, sensible heat flux, and momentum flux etc. Recently we investigated several issues related to accurate turbulent heat fluxes and are constructing new J-OFURO data, J-OFURO version 2. In this presentation we will introduce J-OFURO version2, in particular latent heat flux data set.