

# **Comparison of Interpolation Methods for Mapping Sea Surface Height Parameter from JASON-2 Data in Indonesian Waters**

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Altimetry satellite data, JASON-1 and JASON-2 has a very low spatial resolution. With very low spatial resolution is required interpolation method that can mapped Sea Surface Height (SSH) with a good result. SSH data from JASON-1 dan JASON-2, combined and mapped in geographic projection. Besides, the implementation of Kriging method, Natural Neighbour method dan Modified Shepards method for interpolation and processed using Interactive Data Language (IDL). This interpolation method comparison are expected to know which the good method for mapped SSH data in resulting better information.

Keyword: Altimetry, JASON, SSH, Interpolation