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HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW  
KARYA ILMIAH : JURNAL ILMIAH**

Judul Karya Ilmiah/Jurnal : Extreme Sea-Surface Cooling Induced by Eddy Heat Advection During Tropical Cyclone in the North Western Pacific Ocean

Jumlah Penulis : 7 (Tujuh)

Status Pengusul : ~~Penulis pertama~~/ penulis ke 2/penulis korespondensi\*\*

Penulis Karya Ilmiah : Chunhua Qiu, Hong Liang, Xiujun Sun, Huabin Mao, Dongxiao Wang, Zhenhui Yi, and **Anindya Wirasatriya**

Identitas Karya Ilmiah : a. Nama Jurnal : Frontiers in Marine Science  
 b. No. ISSN : 2296-7745  
 c. Nomor, Volume, bln, thn : No. - Vol. 8 Tahun 2021  
 d. Penerbit : Frontiers Media S.A.  
 e. DOI Jurnal (jika ada) : <https://doi.org/10.3389/fmars.2021.726306>  
 f. Alamat Web Jurnal :  
 - Url Jurnal :  
[https://www.frontiersin.org/articles/10.3389/fmars.2021.726306/full#:~:text=10.3389%2Ffmars.2021.726306-,Extreme%20Sea%2DSurface%20Cooling%20Induced%20by%20Eddy%20Heat%20Advection%20During,the%20North%20Western%20Pacific%20Ocean&text=A%20tropical%20cyclone%20\(TC\)%20usually,intensities%20and%20tracks%20of%20TCs.](https://www.frontiersin.org/articles/10.3389/fmars.2021.726306/full#:~:text=10.3389%2Ffmars.2021.726306-,Extreme%20Sea%2DSurface%20Cooling%20Induced%20by%20Eddy%20Heat%20Advection%20During,the%20North%20Western%20Pacific%20Ocean&text=A%20tropical%20cyclone%20(TC)%20usually,intensities%20and%20tracks%20of%20TCs.)  
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Artikel ditulis dengan sangat sempurna, baik ditinjau dari data yang ditampilkan maupun pustaka yang digunakan untuk mendukung tulisan tsb. Tulisan ini telah dipublikasi pada jurnal internasional Q1 yang tidak perlu diragukan kualitasnya.

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Semarang,  
Reviewer 1

Prof. Ir. Muslim, M.Sc., Ph.D  
 NIP. 196004041987031002  
 Unit Kerja : FPIK UNDIP

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g. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	12			11
h. Kelengkapan unsur dan kualitas penerbit (30%)	12			12
<b>Total = (100%)</b>	<b>40</b>			<b>38</b>

**Catatan Penilaian Paper oleh Reviewer:**

- a) Jurnal *Frontiers in Marine Science* dinilai memiliki unsur unsur jurnal ilmiah yang lengkap sesuai dengan kaidah jurnal ilmiah, terdiri dari introduction, materials and methods, discussion sampai conclusion, Acknowledgements dan references.
- b) Ruang lingkup artikel ini sangat sesuai dengan bidang penulis yakni oceanografi. Artikel ini menyampaikan penelitian tentang sea surface cooling. Pembahasan yang disampaikan dinilai cukup mendalam karena didukung data sea surface temperature (SST), tropical cyclon, heat transport selama TC, dsb, yang didukung dengan 43 pustaka, dimana yang lebih dari 10 tahun ada 19 pustaka
- c) Artikel ilmiah ini dinilai telah memberikan data dan informasi yang mencukupi. Metodologi yang digunakan untuk mendapatkan data antara lain dengan “wave glider” alat tanpa awak yang dapat mengumpulkan data yang diinginkan. Disamping itu data tropical cyclon diperoleh dari Japan Meteorology Agency, ([http://www.jma.go.jp/jma/jma-eng/jma-center/rsmc\\_hp-pub-eg/trackarchives.html](http://www.jma.go.jp/jma/jma-eng/jma-center/rsmc_hp-pub-eg/trackarchives.html)), disamping beberapa metode lainnya.
- d) Jurnal *Frontiers in Marine Science* telah terindeks di Scopus Q1, indeks 68 dengan SJR 1,355; IF 4.912. Jurnal ini memiliki unsur yang dinilai lengkap, dengan kualitas penerbitan dinilai baik, satu tahun terbit 6 kali. Nilai= 0,4/6 x 38 = **2,53**

Semarang, 27 Mei 2022

Reviewer 2

Prof. Dr. Ir. Ambariyanto, M.Sc

NIP. 196104131988031002

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# Source details

## Frontiers in Marine Science

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