

Summary of Comments on jcli2639.pdf


Page: 2

 Author: neo Subject: Inserted Text Date: 12/29/08 4:37:37 PM

and International Pacific Research Center

 Author: neo Subject: Sticky Note Date: 12/29/08 12:03:07 PM

The abstracts looks good. Thank you.

 Author: neo Subject: Replacement Text Date: 12/31/08 12:46:48 PM

The shallowness of the modes, the depth of the mean mixed layer and wintertime temperature profile inversions contribute to the sensitivity of the budget analysis in the regions of reduced reconstruction skill.

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 Author: neo Subject: Sticky Note Date: 12/29/08 10:53:37 AM


Response to AU3
Yes reference is now ok.

 Author: neo Subject: Replacement Text Date: 12/29/08 2:01:47 PM

Di Lorenzo et al. (2008; 2009)

 Author: neo Subject: Sticky Note Date: 12/29/08 2:02:35 PM

Response to AU2
Yes website reference is ok.

 Author: neo Subject: Cross-Out Date: 12/29/08 12:00:41 PM

 Author: neo Subject: Replacement Text Date: 12/29/08 12:01:35 PM

Di Lorenzo et al. (2008; 2009)

 Author: neo Subject: Replacement Text Date: 12/29/08 12:02:07 PM

Di Lorenzo et al., 2008; 2009


 Author: neo Subject: Sticky Note Date: 12/29/08 12:02:57 PM

Change Di Lorenzo et al. (2008b) to (2008).


 Author: neo Subject: Replacement Text Date: 12/31/08 12:48:16 PM


fluxes and horizontal advection anomalies, related to anomalies of the overlying atmosphere


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 Author: neo Subject: Replacement Text Date: 12/31/08 12:50:54 PM


We performed
an ocean model hindcast (1950–2004) with ROMS
using as surface forcing monthly mean wind stress from the National Centers
for Environmental Prediction (NCEP), a combination of climatological heat fluxes and nudging to observed
SST, and climatological fresh water fluxes.

 Author: neo Subject: Cross-Out Date: 12/29/08 11:59:23 AM

 Author: neo Subject: Replacement Text Date: 12/29/08 4:28:49 PM
2004

 Author: neo Subject: Replacement Text Date: 12/29/08 12:00:06 PM
Di Lorenzo et al. (2008;2009)

 Author: neo Subject: Replacement Text Date: 12/29/08 12:03:30 PM
L

 Author: neo Subject: Cross-Out Date: 12/29/08 12:00:23 PM



Author: neo Subject: Replacement Text Date: 12/31/08 12:53:16 PM


0.8





Author: neo Subject: Sticky Note Date: 12/29/08 10:52:43 AM


Response to AU4

Yes, this is correct. Thank you.


 Author: neo Subject: Replacement Text Date: 12/29/08 12:30:24 PM
2008; 2009


 Author: neo Subject: Replacement Text Date: 12/29/08 12:30:04 PM
Line P


 Author: neo Subject: Cross-Out Date: 12/31/08 12:54:04 PM


 Author: neo Subject: Sticky Note Date: 12/31/08 12:56:45 PM
dT'/dz and dS'/dz have an index 'l' (e.g. dT'_l/dz)


All terms that have primes (e.g. S', dS'/dz) need to have the subscript l, in both equations 4 and 5

 Author: neo Subject: Sticky Note Date: 12/31/08 12:57:37 PM
equations (4), (5)
change '1/alpha' to '/alpha'


 Author: neo Subject: Cross-Out Date: 12/29/08 1:17:38 PM


 Author: neo Subject: Replacement Text Date: 12/31/08 1:33:00 PM
An index of Ekman offshore


 Author: neo Subject: Sticky Note Date: 12/29/08 1:26:32 PM
Response to AU5
Yes, the reference is correct. But I have changes the sentence. See below.


 Author: neo Subject: Replacement Text Date: 12/29/08 4:30:46 PM
These results are consistent with the studies of Chhak and Di Lorenzo (2007) and Di Lorenzo et al. (2008), which use adjoint passive tracer experiments to investigate decadal changes of coastal upwelling in the CCS.


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 Author: neo Subject: Sticky Note Date: 12/29/08 1:47:37 PM
Is it possible to make the text of the question italic?


 Author: neo Subject: Sticky Note Date: 12/29/08 1:42:26 PM
Response to AU6
Yes, we intend to cite Chelton and Davis. Please leave as is.


 Author: neo Subject: Replacement Text Date: 12/29/08 1:39:47 PM
5


 Author: neo Subject: Replacement Text Date: 12/29/08 1:39:20 PM
2008; 2009


 Author: neo Subject: Sticky Note Date: 12/29/08 1:48:34 PM
can we add a line between the end of the paragraph and question number 2.
Again, if possible make the question text italic.


 Author: neo Subject: Replacement Text Date: 12/29/08 1:41:09 PM
Northeast Pacific.


 Author: neo Subject: Replacement Text Date: 12/29/08 1:50:57 PM
2008; 2009

 Author: neo Subject: Replacement Text Date: 12/29/08 4:56:36 PM
We acknowledge the support of the National Science Foundation grants OCE-0550266, GLOBEC OCE-0606575, CCE-LTER, OCE-0452654, OCE-0550233 and the Pacific Boundary Ecosystem and Climate project GLOBEC OCE-0815280. Additional support was provided by the Office of Science (BER), U.S. Department of Energy, Grant No. DE-FG02-07ER64469, the Japan Agency for Marine-Earth Science and Technology (JAMSTEC), NASA grants No. NNX07AG53G and OES-NNG05GC98G and NOAA grant No. NA17RJ1230 through their sponsorship of research activities at the International Pacific Research Center. This is International Pacific Research Center publication #539.

 Author: neo Subject: Replacement Text Date: 12/31/08 1:03:15 PM
but are

 Author: neo Subject: Sticky Note Date: 12/29/08 1:50:08 PM
can we add a line between the end of the paragraph and question number 3.
Again, if possible make the question text italic.

 Author: neo Subject: Inserted Text Date: 12/31/08 1:18:49 PM
currents

 Author: neo Subject: Replacement Text Date: 12/29/08 1:50:34 PM
2008; 2009

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Author: neo Subject: Sticky Note Date: 12/29/08 11:55:44 AM

Moore citation:

please add the following DOI

10.1175/2008JPO3740.1

Author: neo Subject: Sticky Note Date: 12/29/08 4:35:17 PM

Response to AU7

The updated reference is:

Di Lorenzo E., Fiechter J., Schneider N., Franks P. J. S., Bograd S. J., Moore A. M., Thomas A., Crawford W. and Peña A. and Hermann A., 2009: Nutrient and Salinity Decadal Variations in the central and eastern North Pacific. Geophys. Res. Lett., submitted.

Author: neo Subject: Sticky Note Date: 12/29/08 10:56:23 AM

Change Di Lorenzo "2008b" citation to "2008".

All Di Lorenzo et al. 2008b references need to be changed to Di Lorenzo et al. 2008

Author: neo Subject: Sticky Note Date: 12/29/08 10:40:56 AM

Response to AU8

Yes, this citation is ok.

Author: neo Subject: Sticky Note Date: 12/29/08 10:46:48 AM

Response to AU9

The correct citation is:

Zhang, Y., 1996: An observational study of atmosphere-ocean interactions in the northern oceans on interannual and interdecadal time-scales. Ph. D. thesis, University of Washington, Seattle, 306 pp. [Available from University Microfilms, 1490 Eisenhower Place, P.O. Box 975, Ann Arbor, MI 48106]