Arctic Mediterranean Exchanges: A consistent volume budget and trends in transports from two decades of observations" by Svein Østerhus et al.

https://doi.org/10.5194/os-2018-114

Response to Topic Editor

Please find our answer below (in yellow answering boxes).

Technical issues:

P2, L2 this enables us (instead of allows us)

Answer	Changed accordingly		
P6, L10 water originally (blank)			
Answer	Changed accordingly		
P16, L2 delete: in principle			
Answer	Deleted		
P16, L3-4 and is discussed in Sect. 4.1. (instead of: and deserves discussion (Sect. 4.1))			
Answer	Changed accordingly		
P16, L17 "is" instead of "was"			
Answer	Changed accordingly		
P16, L21-22 (Mor	ison et al., 2007); this is further evidence that an imbalance of 0.1 Sv is		
unrealistic.			
Answer	Changed accordingly		
P19, L7-8 "We s	hould therefore not expect a perfect balance between average AM-		
import and AM-ex	sport." I do not agree with that. With all these caveats, an imbalance is		
possible but not a	priori expected.		
Answer	The word "expect" has been replaced by "demand".		
P20, L11 "For other	er purposes, this might not be the case, however." It is not clear what is		
meant here. Please	rephrase or explain.		
Answer	This sentence and the end of the paragraph have been replaced by: "The main motivation for monitoring these flows is, however, to observe their effects on conditions in the AM and on the AMOC. That purpose may be better served by locating some of the monitoring sections somewhat downstream from the intensive mixing areas over the Greenland-Scotland Ridge."		

Repetition:

The Conclusions section contains a lot of repetition from the previous sections, and not that much of new conclusions. Please check whether this can be reduced and changed.

ANSWER	
	The Conclusions section has been reduced by more than 40% and is now
	hopefully less repetitive and more concise.

References:

Several cases: Deep-Sea Research (hyphen)

Answer	All "Deep Sea" changed to Deep-Sea

Andersen and Piccioni should be: Front. Mar. Sci., 3:76, doi: 10.3389/fmars.2016.00076

Answer Changed accordingly

Change, I. P. o. C.: Climate Change 2013 – The Physical Science Basis ... This is not the author; should be Stocker et al. Please correct, also in the text.

Answer	Changed to: Stocker, T. F., Qin, D., Plattner, GK., Alexander, L. V., Allen, S. K., Bindoff, N. L., Bréon, FM., Church, J. A., Cubasch, U., Emori, S., Forster, P., Friedlingstein, P., Gillett, N., GregoryJ.M., Hartmann, D. L., Jansen, E., Kirtman, B., Knutti, R., Krishna Kumar, K.,
	Lemke, P., Marotzke, J., Masson-Delmotte, V., Meehl, G. A., Mokhov, I. I., Piao, S., Ramaswamy, V., Randall, D., Rhein, M., Rojas, M., Sabine, C., Shindell, D., Talley, L. D., Vaughan, D. G., and Xie, SP.: Climate Change 2013 – The Physical Science Basis: Working Group I Contribution to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change, in, edited by: Stocker, T. F., Qin, D., Plattner, G. K., Tignor, M., Allen, S. K., Boschung, J., Nauels, A., Xia, Y., Bex, V., and Midgley, P. M., Cambridge University Press; Cambridge, United Kingdom and New York, NY, USA, https://doi.org/10.1017/CBO9781107415324.005, 2014.

Hansen and Meincke: Deep-Sea Research (in full, as in all other references, for consistency)

A	Change made
ANSWER	Change made

Please check some more at other references.

ANSWER	All references are checked and mistake corrected.
	Caltech Library Journal Title Abbreviations is used.
	For DOI's we have used: https//doi.org/