

Interactive comment on “UDASH – Unified Database for Arctic and Subarctic Hydrography” by Axel Behrendt et al.

Anonymous Referee #1

Received and published: 5 October 2017

A number of minor corrections is needed, they are listed below:

p.1 Line 7: "Data outliers, suspicious gradients, and other suspect data ... " I do not like this sentence. In a way, both the suspicious gradients and "other suspect data" can be considered as outliers. Please, reformulate

p. 1 Line 14: The term "Arctic Medfiterranean" seems to be rather uncommon and - to my mind - rather misleading. Was is mediterranean in the region? I would appreciate the use of a different name.

p. 1 Line 22: Why the reference to Seidov et al is needed here? It is pretty clear that the data coverage is (still) rather poor in several regions of the Polar ocean

Page 3 Line 4: here and at several other places in the text the term "adjusted data" is

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used. It is not clear, what is meant by data adjustment? It looks as it is linked by the authors to the flagging of data (see page 4 line 21, page 8 line 32). However, more commonly the term is used for the elimination of the offsets in the data.

I do not like the title and the structure of the Chapter 4 (page 10) It is names "Results", but what follows is rather a description of platforms, instruments,seasonal data distribution et cet. The more proper name could be " Adescription of the validated data set" or smth. similar

Section 4.5 Climatology (page 12) corresponds more to the title of the chapter. However, the description here is very poor, and it is only in the caption to fig.15 that the word "mean" (mean T&S distributions" appear. I would like to see a more detailed description.

Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2017-92>, 2017.