

## ***Interactive comment on “Compliance and port air quality features of ship fuel switching regulation: by a field observation SEISO-Bohai” by Yanni Zhang et al.***

### **Anonymous Referee #1**

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The manuscript presents results being very relevant considering the ongoing processes with ECA focus different emissions. The study is generally well written and well performed and well worth publishing. I think complementary information concerning the impact of emissions on water quality should be added and also that the fact that atmospheric conditions has such a strong impact on the atmospheric concentrations could be further stresses. There are some typos and language corrections needed.

Some specific comments: Introduction: The manuscript focuses on air quality, but I suggest also to mention potential problems of shipping for water quality (for example according to Turner et al), as the two problems are related.

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Page 3 Line 31: observations on a roof Page 4 line 4: what is “mismeasurements”?  
Page 7 eq 1: Difficult to see what is in the equation.

Turner DR, Hassellöv I-M, Ytreberg E, Rutgersson A. Shipping and the environment: Smokestack emissions, scrubbers and unregulated oceanic consequences. Elem Sci Anth. 2017;5:45. DOI: <http://doi.org/10.1525/elementa.167>

Turner, D. R, M. Edman, J. A. Gallego-Urrea, B. Claremar, I.-M. Hassellöv, A. Omstedt and A. Rutgersson (2018). The potential future contribution of shipping to acidification of the Baltic Sea. Ambio, DOI 10.1007/s13280-017-0950-6

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Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2018-1233>, 2018.

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