

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

Received and published: 13 February 2019

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.

Printer-friendly version

Discussion paper



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

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

Printer-friendly version

Discussion paper

