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Interactive comment on “Conceptual design of a measurement network of the global change” by P. Hari et al.

Anonymous Referee #2

Received and published: 19 October 2015

Review of the manuscript “Conceptual design of a measurement network of the global change” by P. Hari et al. submitted for publication at ACP.

The manuscript describes a general approach of the design of a global monitoring network. Curiously, the proposed design is already in place in several global and regional networks, including WMO, NOAA, etc. All these global observation network follows the proposed scheme of “flagship stations” (proposed 50) with the application of results to the global level in denser network of the advanced/flux (500) and standard stations. I can not find any really new concept of innovative idea behind this manuscript. Even smaller networks such as AERONET follow the same hierarchical principle for the last 15-20 years. The WMO proposal for a global change network also follows the same principle, and it was designed and proposed more than 5 years ago. Most of the

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manuscript describe this scheme, and which measurements should be taken under the concept. I can not see any Scientific Significance in the proposed manuscript.

As I can not see in the manuscript any really new concept or useful innovative ideas, I recommend ACP to reject the manuscript.

Interactive comment on Atmos. Chem. Phys. Discuss., 15, 21063, 2015.

ACPD

15, C8228–C8229, 2015

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