

Interactive comment on “Development of a numerical system to improve particulate matter forecasts in South Korea using geostationary satellite-retrieved aerosol optical data over Northeast Asia” by S. Lee et al.

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Response to executive editor,

First of all, we would like to thank you for your constructive comments and suggestions. Based on the comments from two reviewers and the executive editor, we have tried to address the issues raised by both reviewers in the revised manuscript. We would also like to respond to the comments point-by-point below. The reviewer's original comments are in italics. Our responses to reviewer's specific comments are put in a

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normal font. The added or modified parts in the revised manuscript are highlighted in a red color. Comment) ... please note that for your paper, the following requirements have not been met in the Discussions paper. “– All papers must include a model name and version number (or other unique identifier) in the title.” Please add a name and a version number for the numerical system in your revised submission to GMD.

Reply) We modified the title of the article as follows: GIST-PM-Asia v1: Development of a numerical system to improve particulate matter forecasts in South Korea using geostationary satellite-retrieved aerosol optical data over Northeast Asia. We also rephrased a sentence in Sect. 1. Please, check out p5, lines 103-104.

Interactive comment on Geosci. Model Dev. Discuss., 8, 5315, 2015.

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