

***Interactive comment on “Understanding and
managing large sensor networks” by
D. D. Ediriweera and I. W. Marshall***

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Dear Referee

Thank you for taking the time to comment on the paper, and also I would like to thank you for your comments in support of the work. Please find below my responses to your further assessment of the work.

The reason for the early assumption on why weather and rainfall may play a role in the failures is founded based on the known effects which rain, and in general moisture has on the propagation of radio waves, plus the fact that the sensors were placed underground making them susceptible for flooding. However as the referee suggests, I am happy to make this more explicit within the paper.

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While it is correctly pointed out by the referee that no network profiling data is provided for supporting the theory of some failures being affected by peak time data, considering that private GSM networks have been used by the system, such information was not forthcoming by its operators. Yet given the generally established peak/off-peak traffic period on such large networks, the provided conclusions appeared to be sensible. However further references to support the peak/off-peak time frames can be added to the work.

Regarding the final comment on language use and mistakes, if the work is selected for publication, I am happy to review and fix these as suggested.

Thank You

Interactive comment on Drink. Water Eng. Sci. Discuss., 3, 149, 2010.

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