

## ***Interactive comment on “An automated method to build groundwater model hydrostratigraphy from airborne electromagnetic data and lithological borehole logs” by P. A. Marker et al.***

**Anonymous Referee #1**

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This discussion paper is a valuable contribution for better using spatial geophysical data (here derived from airborne electromagnetics (AEM)) together with sparsely distributed data (here derived from boreholes) in order to set-up groundwater models. The authors present a method which automatically conducts most of the individual processing steps and is from this point of view a new approach.

The only concern I have is that the paper is partly very close to some recently published papers (Foged et al., 2014, HESS, Hoyer et al., 2015, JAG). Therefore, the authors should check their paper with respect to avoiding repetition and they should focus on the differences.

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Please find some specific comments in the document attached and check the style with respect to using AE or BE, but not mixed.

Please also note the supplement to this comment:  
<http://www.hydrol-earth-syst-sci-discuss.net/12/C415/2015/hessd-12-C415-2015-supplement.pdf>

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