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| Title: | Large-scale soil mapping using multi-configuration EMI and supervised image classification |
| Author(s): | C. Brogia, J.A. Huismana, S. Pätzoldb, C. von Hebela, L. Weihermüllera, M.S. Kaufmanna, J. van der Kruka, H. Vereeckena |
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| **Summary of the Paper** | |
| In the EMI measurements section, it talks about how they conducted their survey (about 250 acres). They used two different CMD sensors that where pulled by a ‘quad-bike’ at a distance of 4 m. This paper says that the survey they conduced followed the European Committee for Standardization CWA 16373:2011. In the data filtering subsection, it talks about how they filter the data since when using it on the sleds the sensors returned some negative values. They did this filtering by doing a linear regression between data from the sleds and using the provided handle. They also used a histogram-filtering technique to filter out outliers. Finally temperature correction was done using the eqs.- where ECa25 is the ECa at 25 °C, ECaT is the ECa measured at soil temperature T and  All of these may be very useful for our application and should be easy to implement either after the factor or while the data is being recorded. This paper also mentions other filtering techniques and includes references that would be hard to use in our application | |