

Interactive comment on “Trace metal concentrations in acidic, headwater streams in Sweden explained by chemical, climatic, and land use variations” by B. J. Huser et al.

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Response to anonymous referee #1. Thank you for the valuable comments. Our responses are listed below, where required.

Does the paper address relevant scientific questions within the scope of BG? yes

Does the paper present novel concepts, ideas, tools, or data? yes

Are substantial conclusions reached? Yes

Are the scientific methods and assumptions valid and clearly outlined? yes

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Are the results sufficient to support the interpretations and conclusions? yes

Is the description of experiments and calculations sufficiently complete and precise to allow their reproduction by fellow scientists (traceability of results)? no

Author response: We provided a link to the data used and explained the data handling and statistical methods used to produce the results. We could expand or alter methods explanation if there is a specific area that was not clear.

Do the authors give proper credit to related work and clearly indicate their own new/original contribution? yes

Does the title clearly reflect the contents of the paper? yes

Does the abstract provide a concise and complete summary? yes

Is the overall presentation well structured and clear? yes

Is the language fluent and precise? yes

Are mathematical formulae, symbols, abbreviations, and units correctly defined and used? yes

Should any parts of the paper (text, formulae, figures, tables) be clarified, reduced, combined, or eliminated? no

Are the number and quality of references appropriate? yes

Is the amount and quality of supplementary material appropriate? yes

Interactive comment on Biogeosciences Discuss., 9, 1793, 2012.