

Interactive comment on “Modeling nutrient in-stream processes at the watershed scale using Nutrient Spiralling metrics” by R. Marcé and J. Armengol

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Received and published: 15 March 2009

I think both the reviewer comment and the author response on the issue of spurious correlation in the Sw vs Q relationship appears to me to have some merit but too "general". When one looks at differences between variations between places and times, the question is "what drives the variations?". If the velocity is the dominant factor in the variations, then I would have less confidence in the relationships. On the other hand if velocity variations are small compared to those of kc and A, then the relationship can be deemed to be sound enough. It is therefore incumbent on the authors to give a more specific response based on what they know of the places they studied. I look

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forward to this response.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 6, 501, 2009.

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6, S322–S323, 2009

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