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## Interactive comment on "A framework for upscaling short-term process-level understanding to longer time scales" by W. H. Lim and M. L. Roderick

W. H. Lim and M. L. Roderick

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Dear Dr. Woods,

Thank you for the positive comment. We agree with your viewpoint.

You are correct on the potential side of the current works on developing a generalized knowledge by proper identifying the covariances of significance. The current study is an initial outline on how covariance-based correction terms (Eq. (8)) could be taken into account in order to develop practical method in temporal up-scaling. It is the matter of learning to walk before running.

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We were unaware of the literatures when we first prepared the manuscript. We will study them and incorporate them into an up-coming revised manuscript.

Best regards,

Wee Ho Lim & Mike Roderick

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 9, 6203, 2012.