Interactive comment on “Erosional response of an actively uplifting mountain belt to cyclic rainfall variations” by J. Braun et al.

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Received and published: 1 October 2014

I enjoyed reading the paper - and found it well presented and argued. This very much represents a behaviour in an upland context - in an uplifting mountain region - and I wondered how this might feed into larger floodplain systems? It would be good if the discussion could take this further and look at the wider implications for lowland/more depositional river environments and sediment delivery into and further down the 'fluvial conduit'? The paper mentions the work of Castelltort and Van Den Driessche (2003) in the introduction - and it would be nice to see how your findings would map back to this.

In addition - there is a body of work that has looked at shorter time scale impacts of changes in climate and tectonics (Coulthard & Van de Wiel, 2013) and the 'shredding' ideas of Jerolmack and Paola (2010) and how non linearity in the system can generate
stratigraphy (Van de Wiel and Coulthard, 2010). I think this could be useful background context for some of the points you make in the discussion - and could add to this section.

Best wishes,

Tom


Interactive comment on Earth Surf. Dynam. Discuss., 2, 971, 2014.