

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

**J. Braun et al.**

jean.braun@ujf-grenoble.fr

Received and published: 13 October 2014

We thank S. Castelltort for his thorough review of our manuscript. We note his very positive appreciation of our work and its significance. We also note that his remarks are very instructive, aimed at improving the presentation of our work and we will do our best to include them in our revised version of the manuscript. In particular, we will change the introduction to better represent the cited work and include those suggested. We agree that the word “characteristic time” is more appropriate and will use it. That the size of the catchment does not matter is indeed a consequence of the fact that the ratio  $hm/n$  is close to unity. We will add that in our revised version. We will try to include the comments regarding Howard’s 1982 paper in our discussion. The point made about a possible lag between temperature and precipitation during Quaternary

C448

climate cycles is certainly worth noting in the discussion as suggested by the reviewer.

---

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

C449