

Interactive comment on “The impact of forest regeneration on streamflow in 12 meso-scale humid tropical catchments” by H. E. Beck et al.

Anonymous Referee #2

Received and published: 15 April 2013

The authors use a conceptual rainfall-runoff model to determine the impacts of forest regeneration on streamflow metrics in 12 meso-scale catchments in Puerto Rico. They have used a significant, long-term dataset and, despite finding a lack of relationships between secondary forest regeneration and changes in streamflow, have offered several potential explanations. This paper demonstrates the complexities of understanding hydrological relationships at larger catchment scales and I believe will make a useful contribution to Hydrology and Earth System Sciences and to our growing knowledge of streamflow response to landuse cover changes. This is a nicely written paper and I offer the following minor comments.

â€ 3050 line 9. Should it be migration “to” lowland urbanisation? â€ 3052 line 19. Sentence is incomplete. â€ 3052 line 21. Remove the capital from The. â€ 3066

C792

line 23. Perhaps move “respectively” to after 2.5-4.6 mm d-1 â€ 3068 line 15. Not sure you need the commas after inconclusive or erroneous. â€ 3070 line 27. Should it be Fig. 6g?

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 10, 3045, 2013.