

**We thank the reviewer for his/her positive assessment of our manuscript and the constructive comments received. Below we respond to each of the reviewer's individual comments, again in this bold font.**

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.

3050 line 9. Should it be migration “to” lowland urbanisation

3052 line 19. Sentence is incomplete.

3052 line 21. Remove the capital from The.

3066 line 23. Perhaps move “respectively” to after 2.5-4.6 mm d-1

**Corrected in all cases; thank you for pointing this out.**

3068 line 15. Not sure you need the commas after inconclusive or erroneous.

**Agreed, we have removed the commas.**

3070 line 27. Should it be Fig. 6g?

**Yes, corrected.**