

Comments on the revised version of the manuscript on “Spatial patterns in glacier characteristics and area changes from 1962 to 2006 in the Kanchenjunga-Sikkim area, eastern Himalaya”, by Racoviteanu et al., submitted to *The Cryosphere Discussion*
Damodar Lamsal, February 2015

In general, the authors’ responses to my major comments are acceptable despite no response (and no correction in the manuscript and figure 11) on comments no. 4. As a matter of fact, those comments were solely meant to improve the manuscript further. Concerning my suggestion on expansion of extent of glacier change analysis (now domain 3), after the author’s clarification, I can understand the difficulty to do so due to unavailability of Corona data to cover larger area. On the whole, I am pleased with the authors’ response, clarification and inclusion of some additional information in the revised manuscript. A few minor corrections (given below) authors may consider before the manuscript is published:

P3 L12: 1960’s

P6 L11 –16: If rephrased these sentences, it might be clearer ‘We used the bundle block adjustment procedure in LPS to simultaneously estimate the orientation of all the CORONA stripes on the basis of 117 ground control points (GCPs). Latitude and Longitude (x,y) information (of the GCPs) were extracted from the panchromatic band of the 2000 Landsat ETM+ image (15 m spatial resolution) on non-glacierized terrain including moraines, river crossings, and outwash areas, whereas elevation information (z) were extracted from the SRTM DEM v.4 (CGIAR-CSI 2004).’

P7 L2: ‘I’ is missing in ‘In addition’