

Figure a): DEM of study area, Figure b): Elevation zones in of study area



Figure c): Aspect map of study area



Figure d): Calibrated Sigma0HH image, (30th March 2008)



Figure 2: Snow density maps derived from approach-II for study areaa): Snow density derived for 20th January 2008, approach-II



Figure 2 b): Snow density derived for 25th January 2008, approach-II



Figure 2 c): Snow density derived for 20th January 2009, approach-II



Figure 3: Snow density variation with Elevation Zones (EZs) of study areaa): 20th January 2008 (ASAR) snow density classes vs. EZs



Figure 3 b): 25th January 2008 (ASAR) snow density classes vs. EZs



Figure 3 c): 20th January 2009 (ASAR) snow density classes vs. EZs



Figure 3 d): 09th December 2009 (PALSAR) snow density classes vs. EZs



Figure 4: Snow density variation with Aspect Zones (AZs) of study area **a):** 20th January 2008 (ASAR) snow density classes vs. AZs





Figure 4 b): 25th January 2008 (ASAR) snow density classes vs. AZs





Figure 4 d): 09th December 2009 (PALSAR) snow density classes vs. AZs