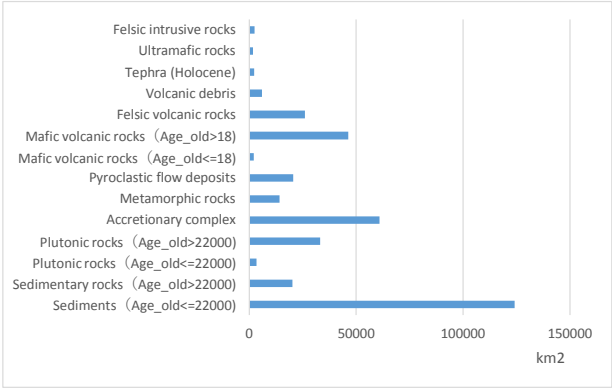
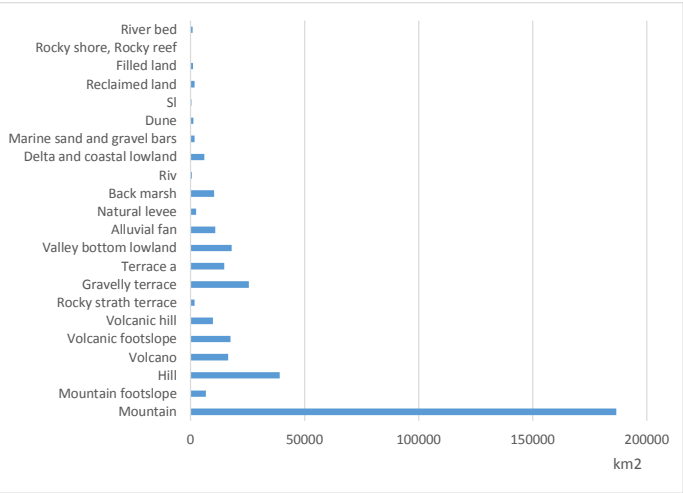
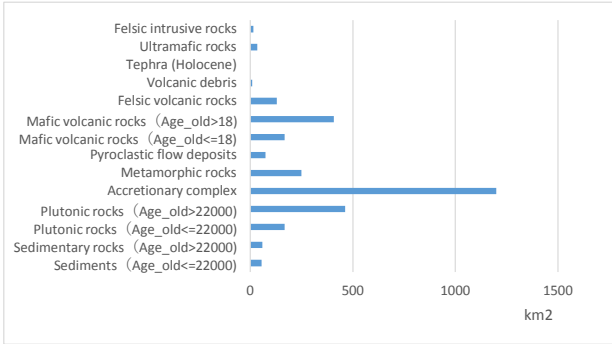
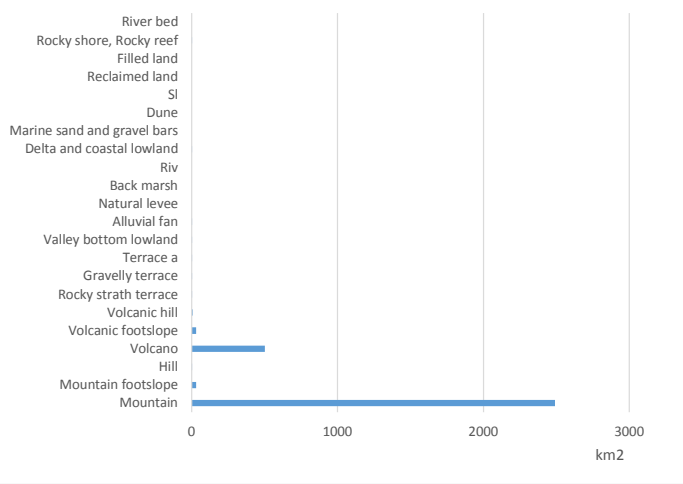
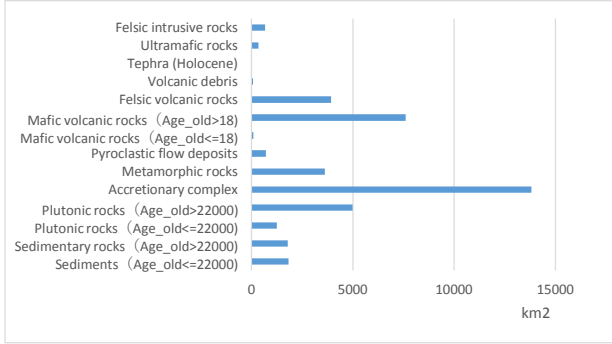
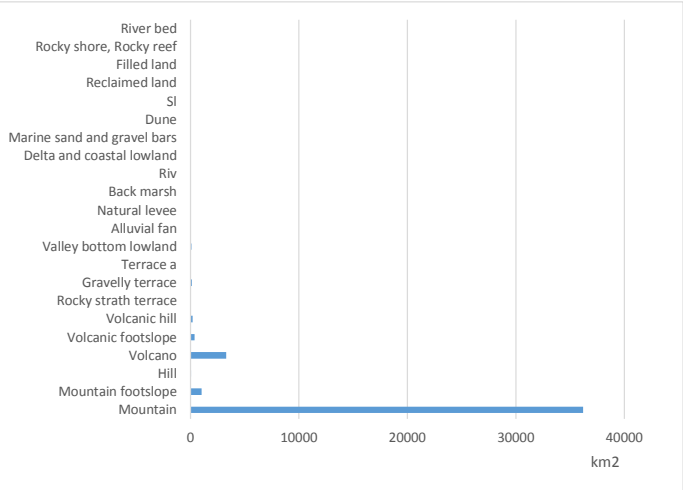
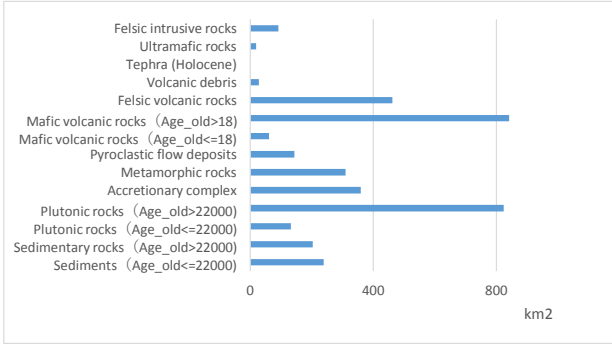
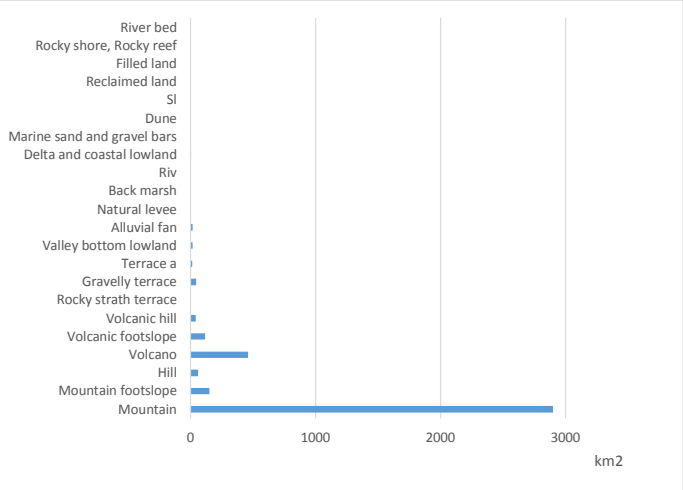
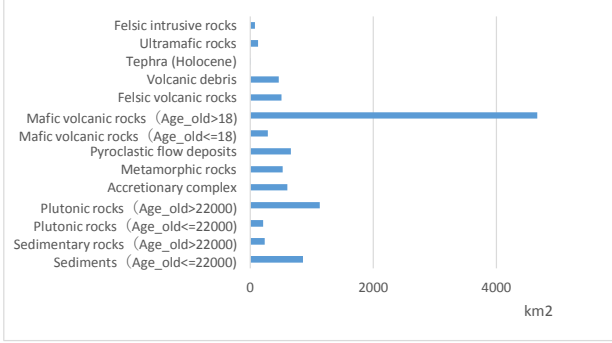
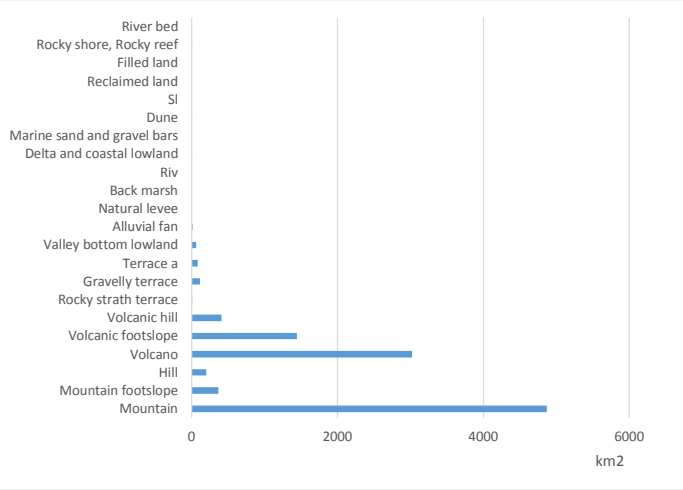
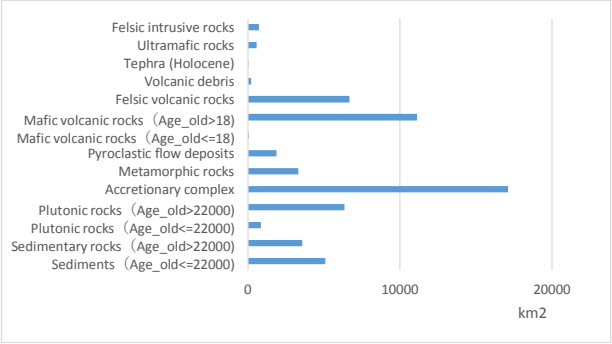
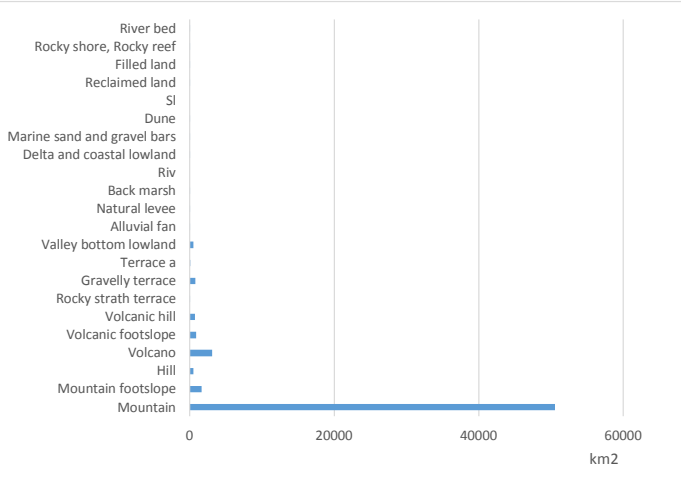
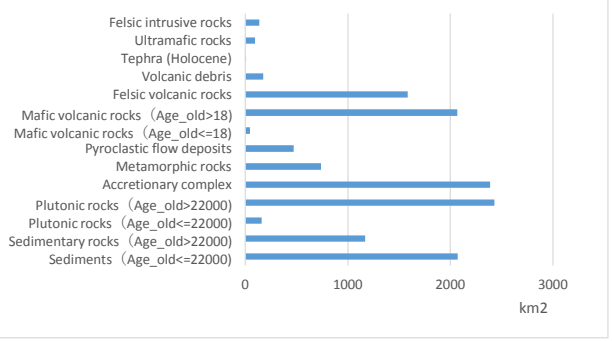
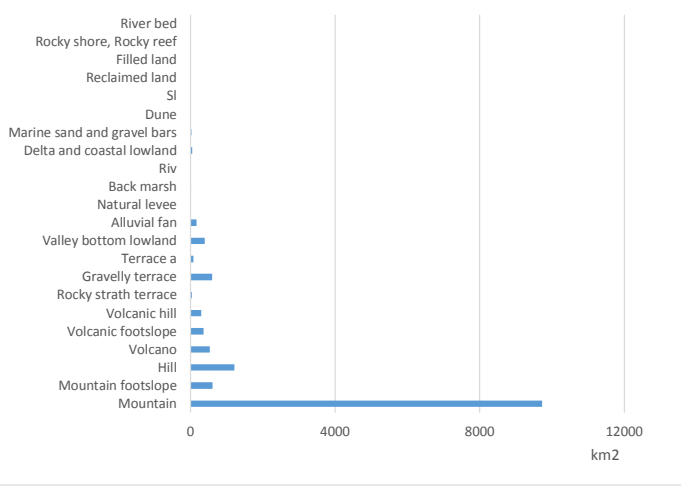
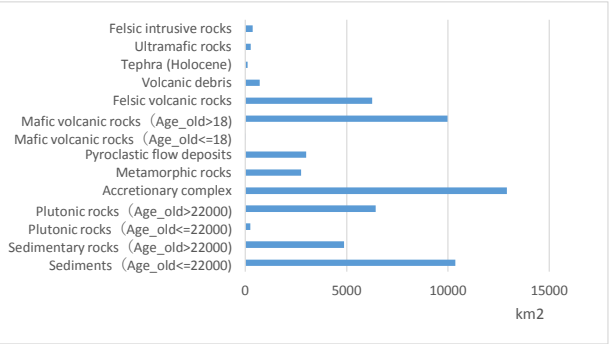
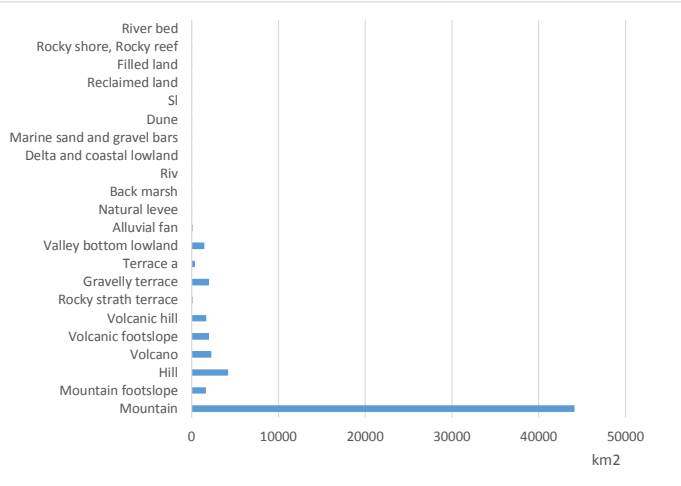
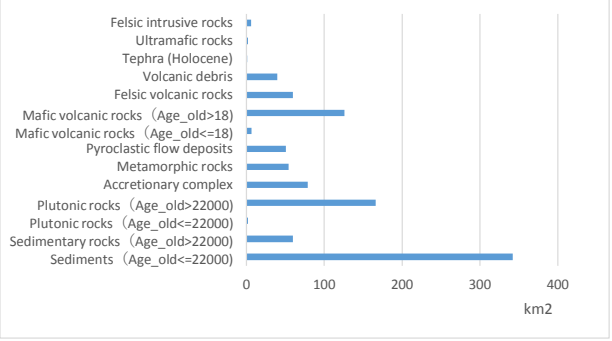
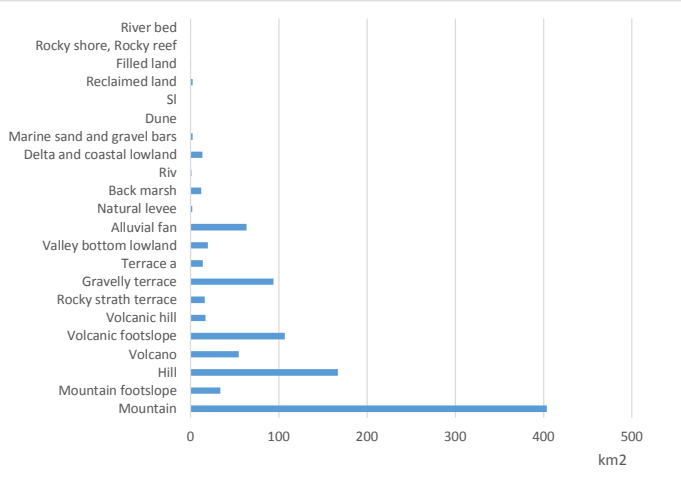
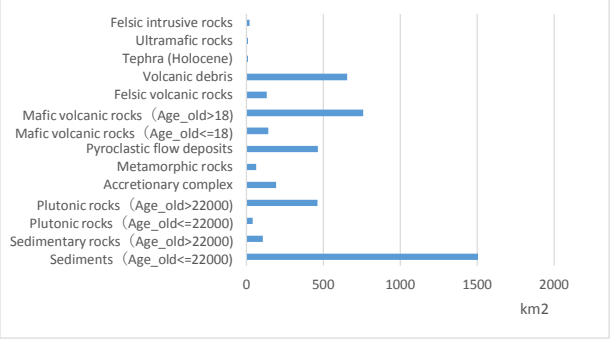
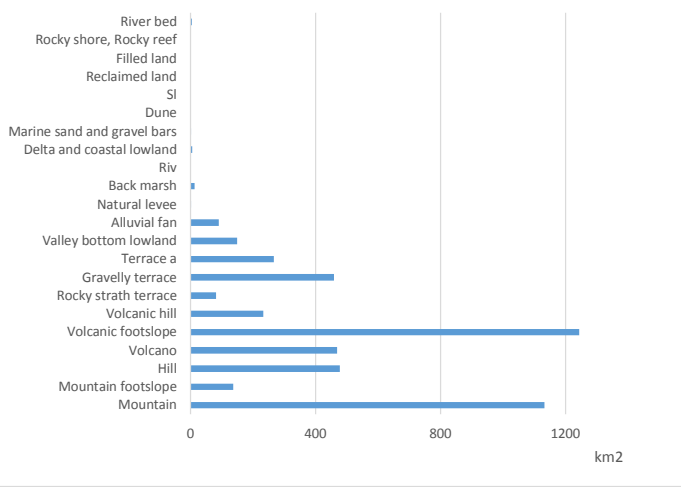
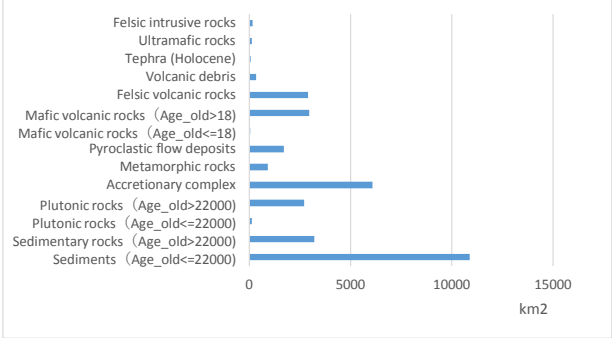
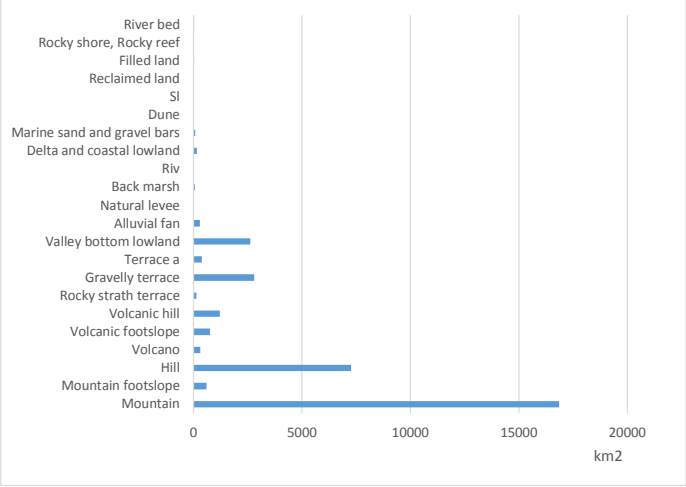
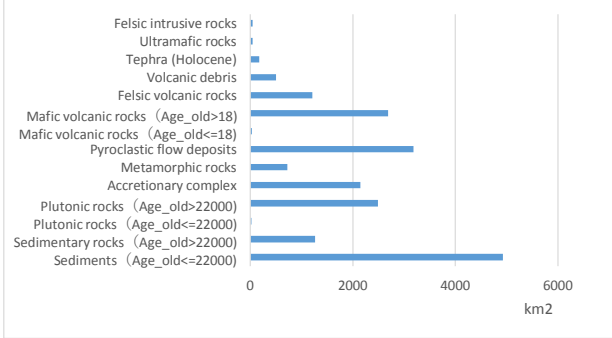
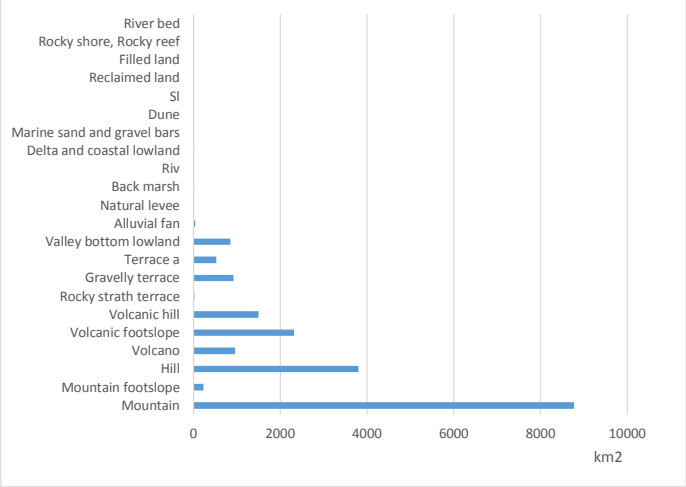
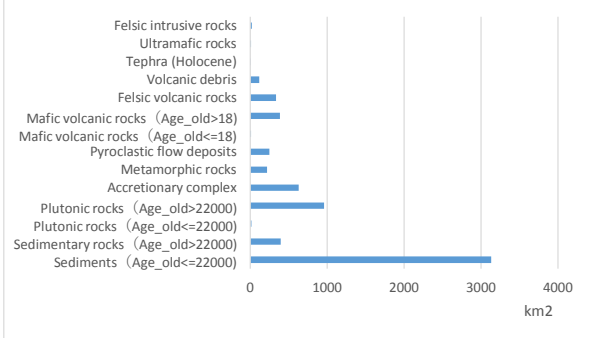
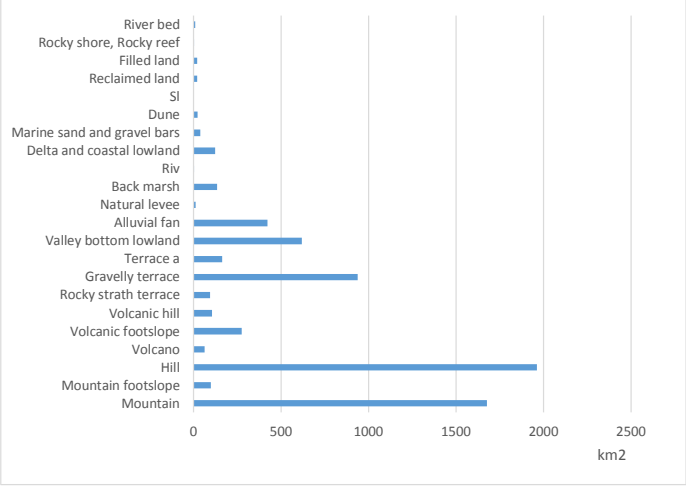
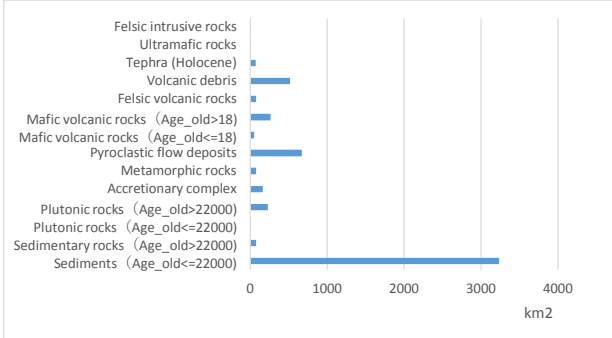
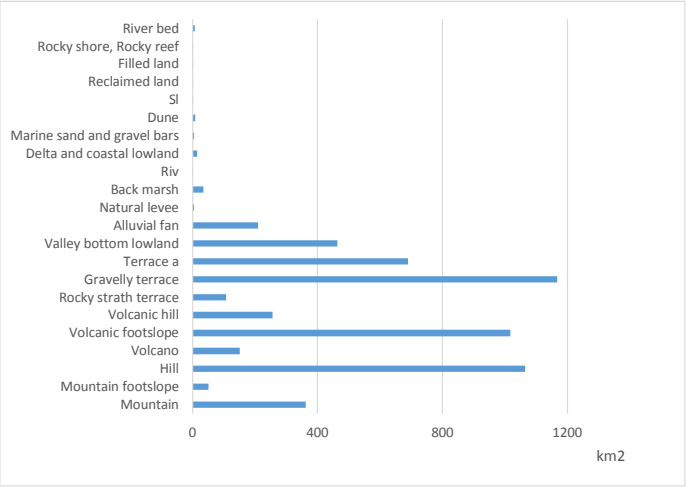
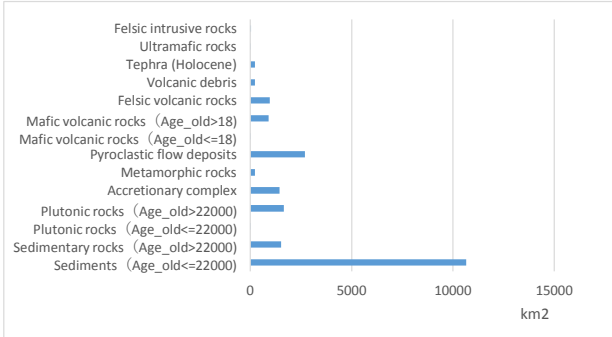
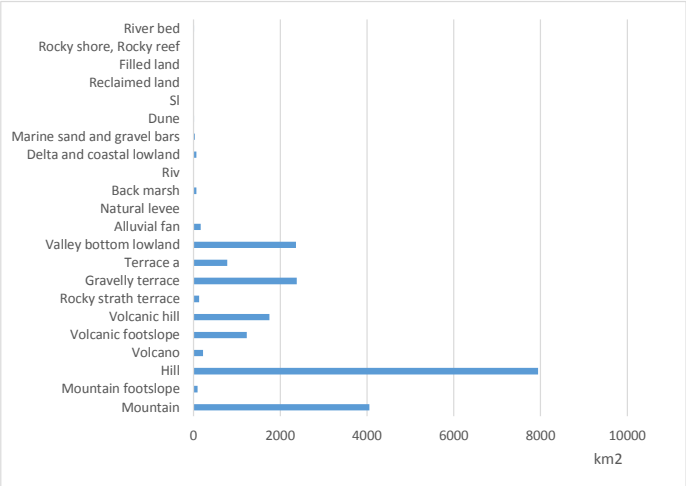
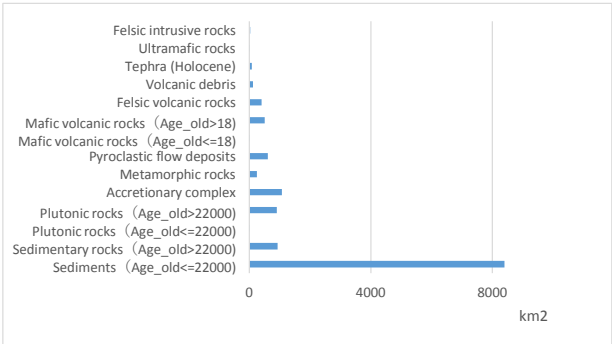
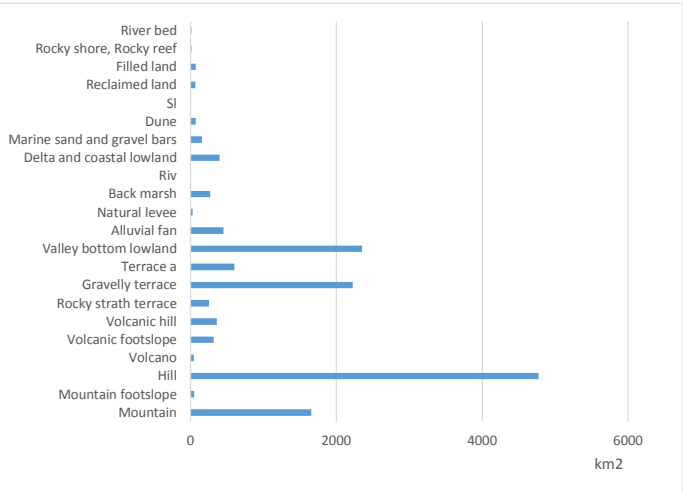
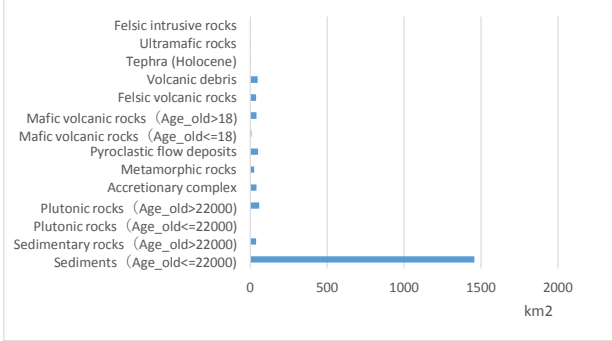
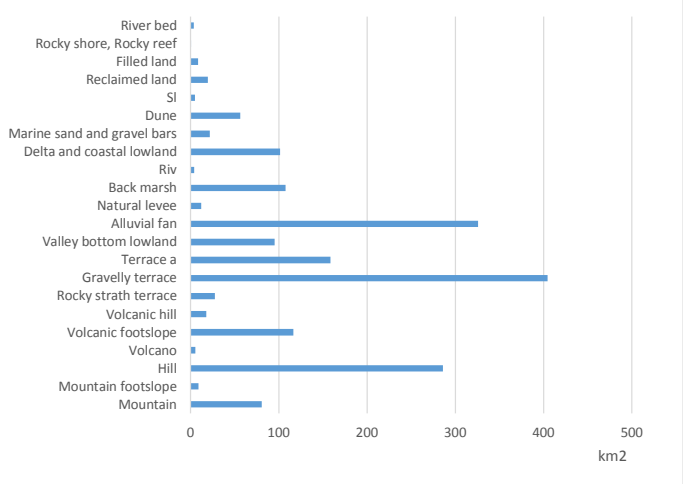
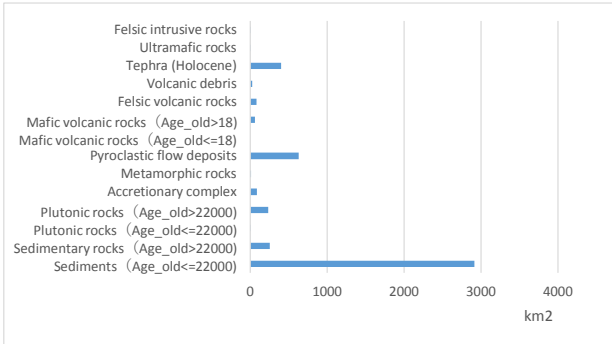
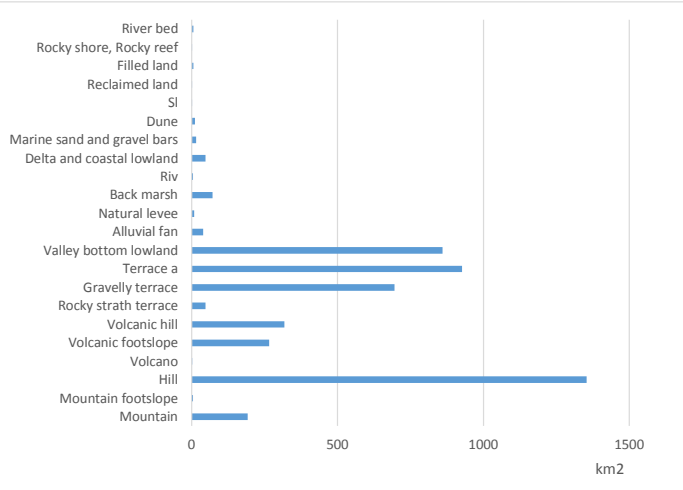
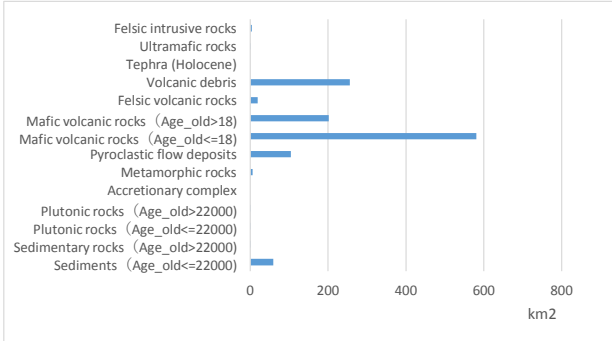
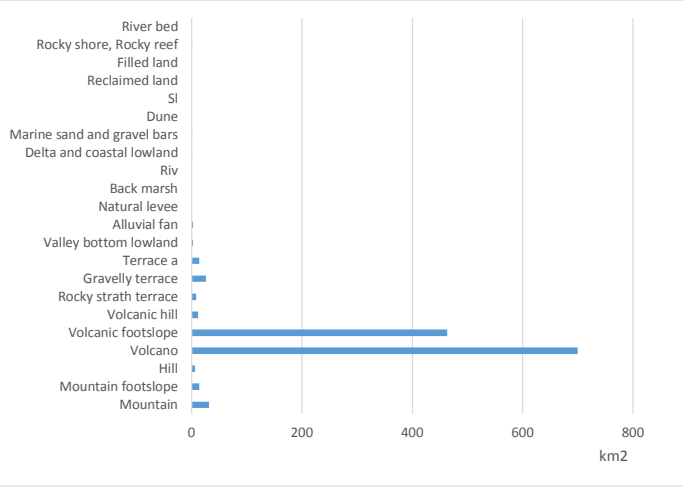
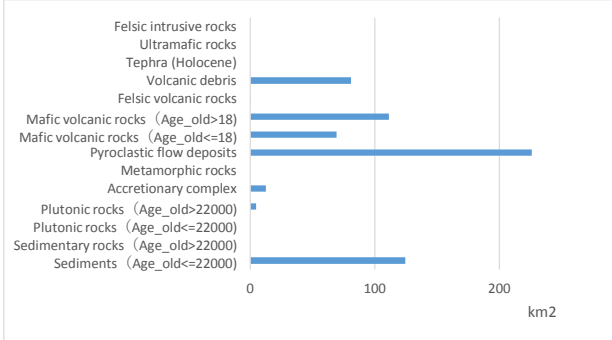
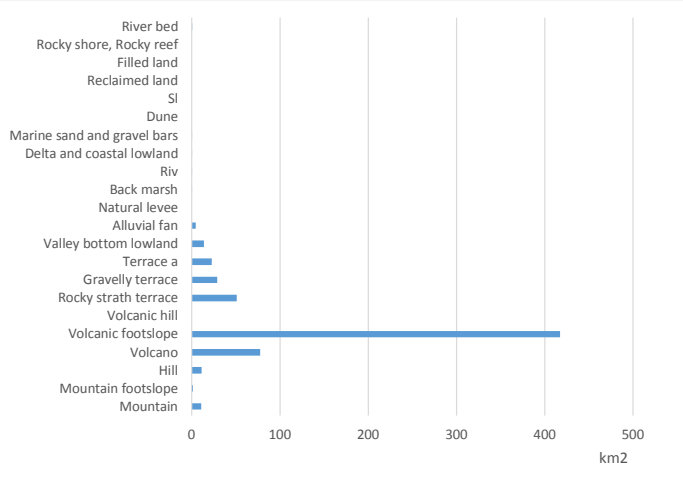
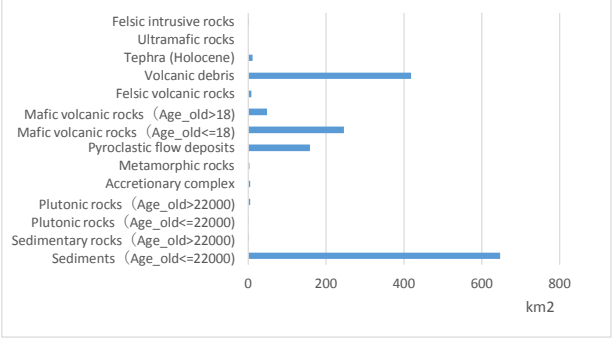
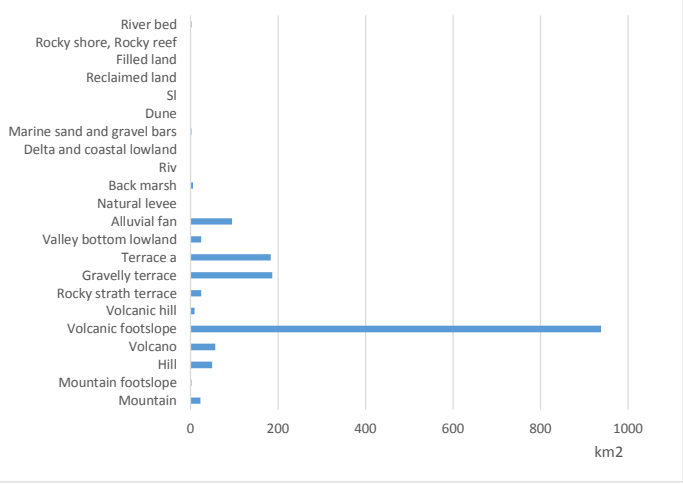
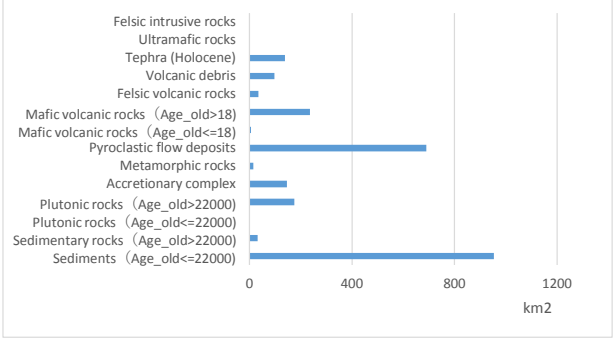
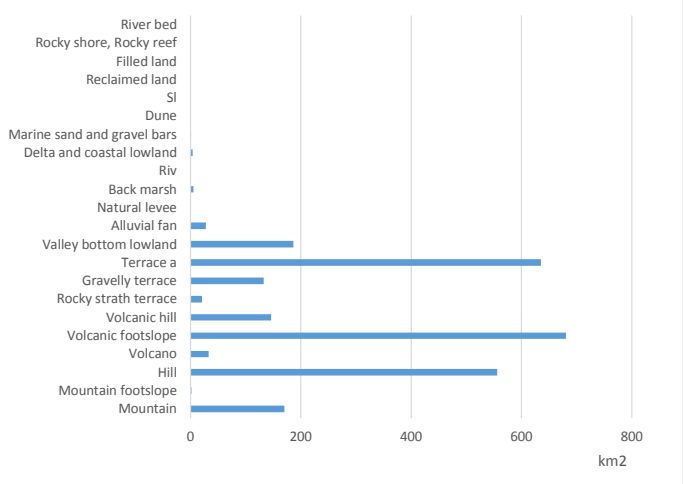
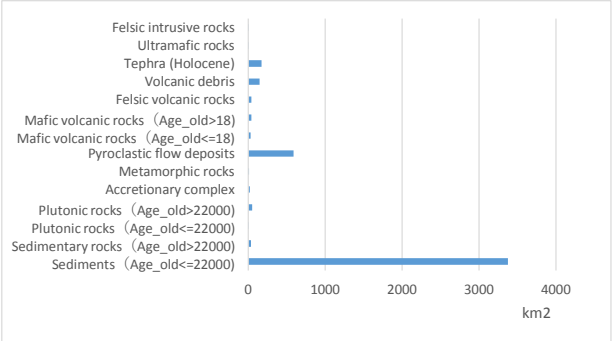
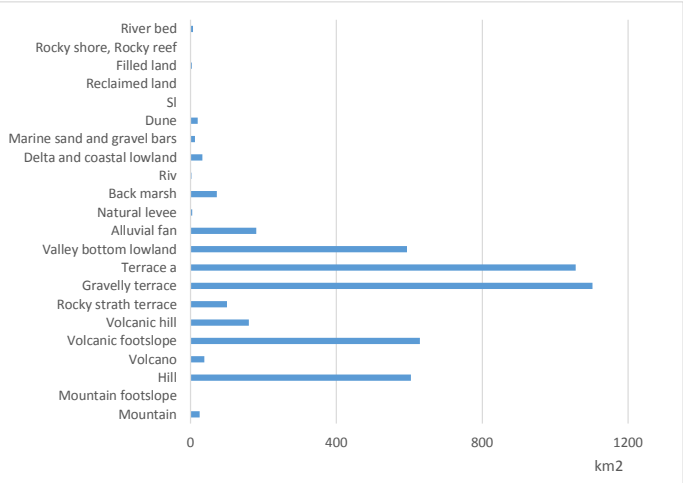
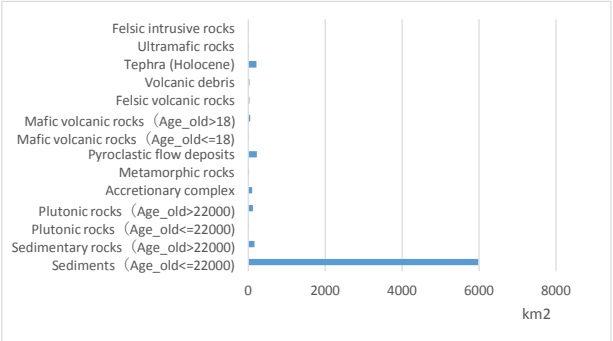
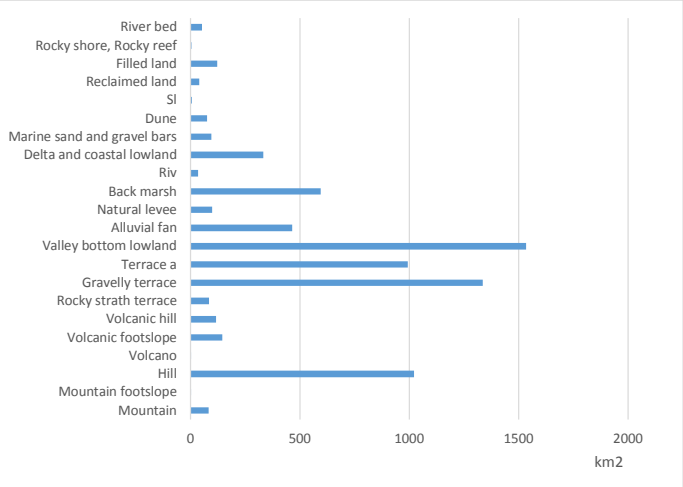
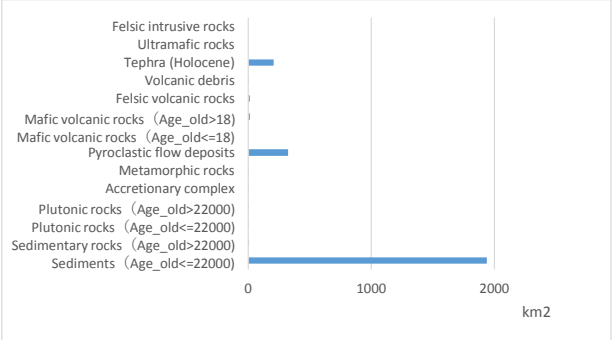
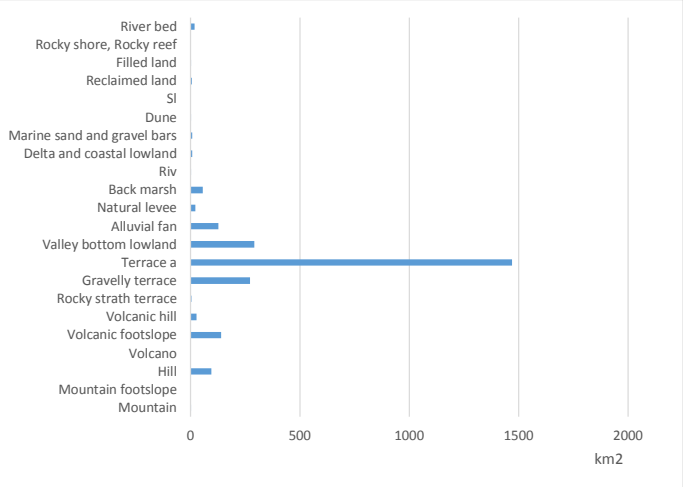


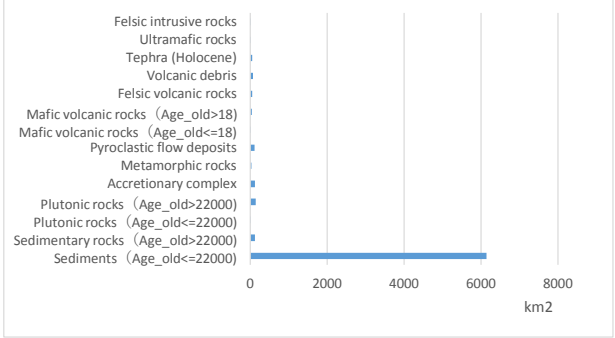
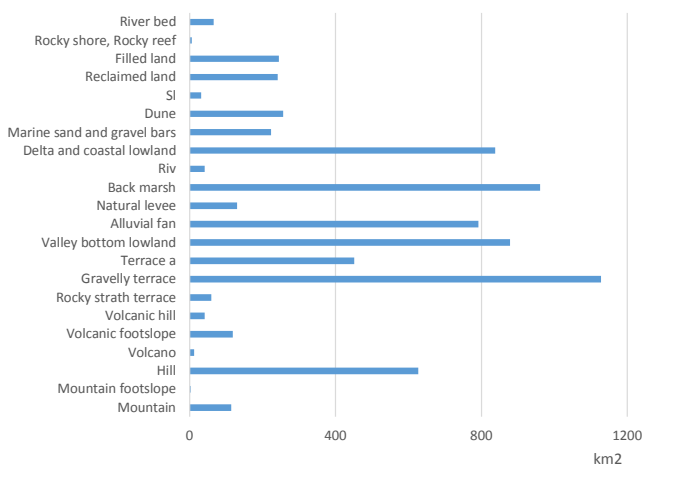
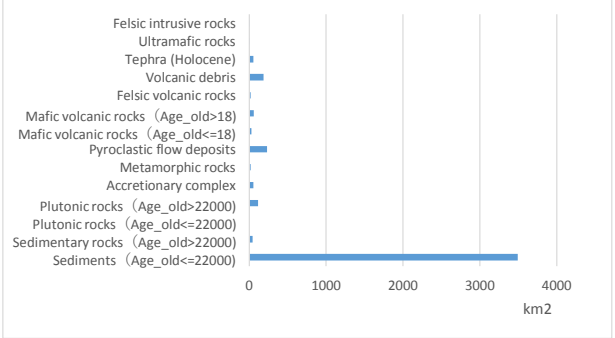
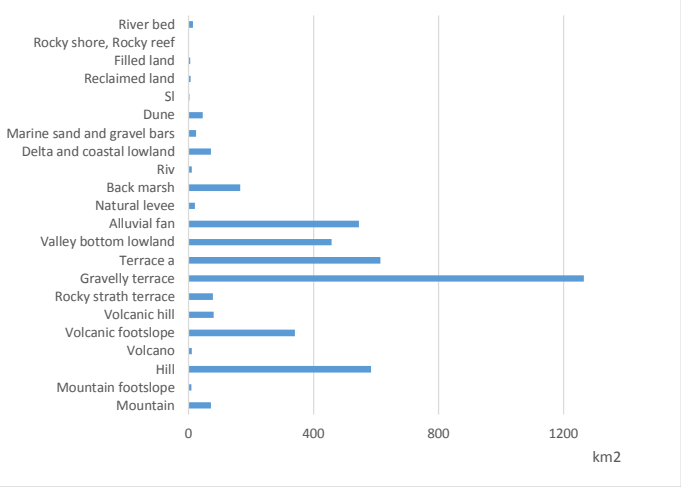
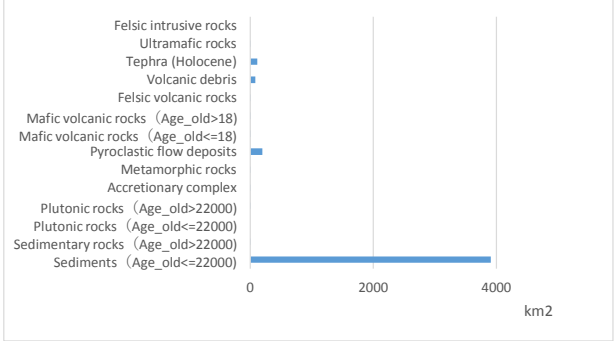
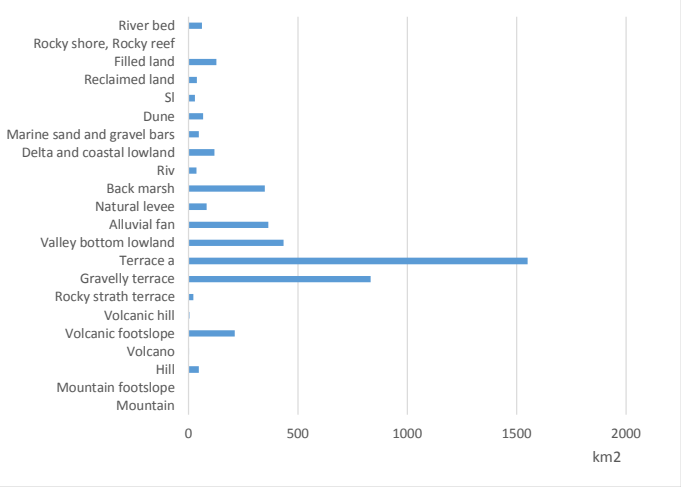
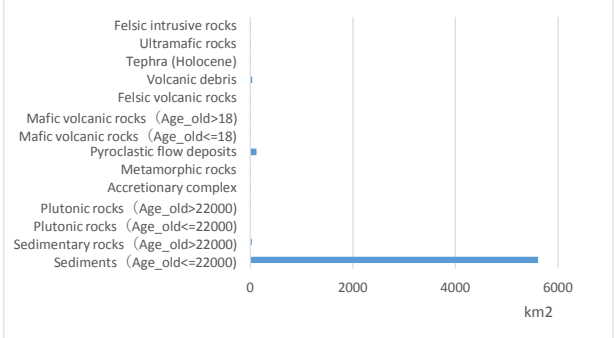
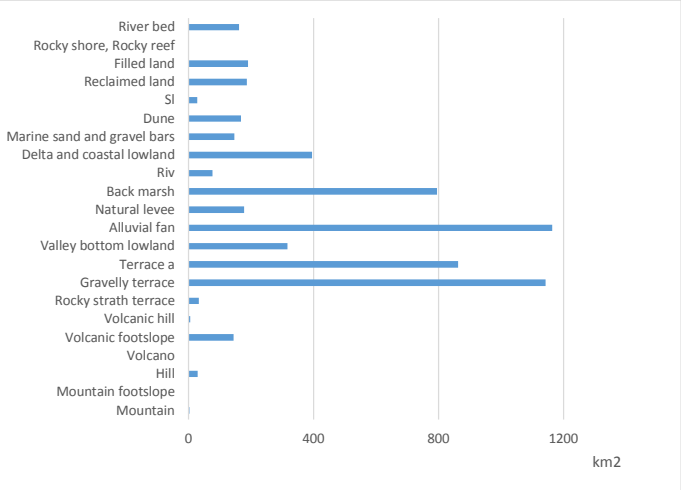
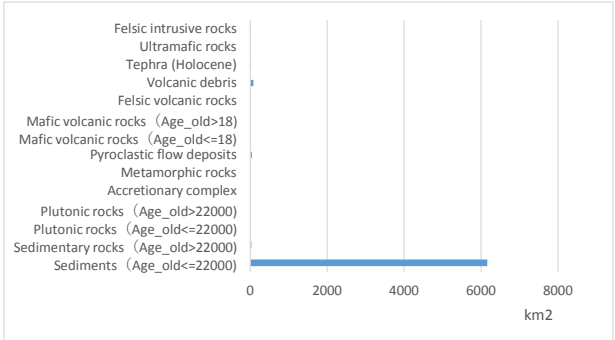
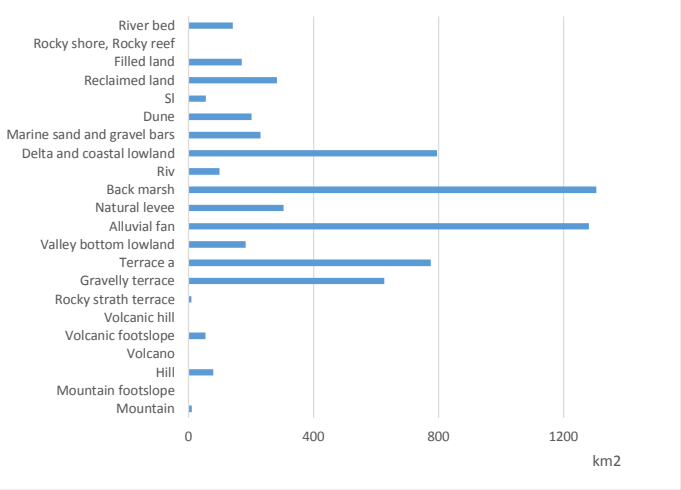
GROUP	No. of cluster	Composition ratio compared with the Seamless Digital geological Map of Japan (Geological Survey of Japan, AIST (ed.). 2015); reclassified (numbers: Ka)	Composition ratio compared with the Japan Engineering Geomorphologic Classification Map (Wakamatsu and Matsuoka, 2013) (SI: Lowland between coastal dunes and/or bars, Riv: Abandoned river channels/former pond and swamp, Terrace a: Terrace covered with volcanic ash soil)	Percentage of landslide masses compared with the Landslide Distribution Maps (NIED)	Averaged slope gradient calculated from the 280 m DEMs (degree)
All Japan				5.10	6.79
1	40			11.23	24.60
1	15			9.61	16.19
1	6			6.35	12.65
1	22			12.19	9.67

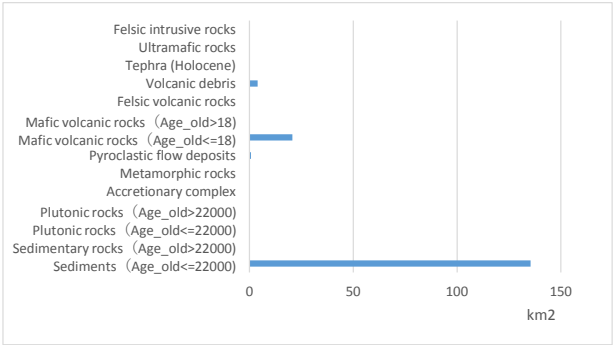
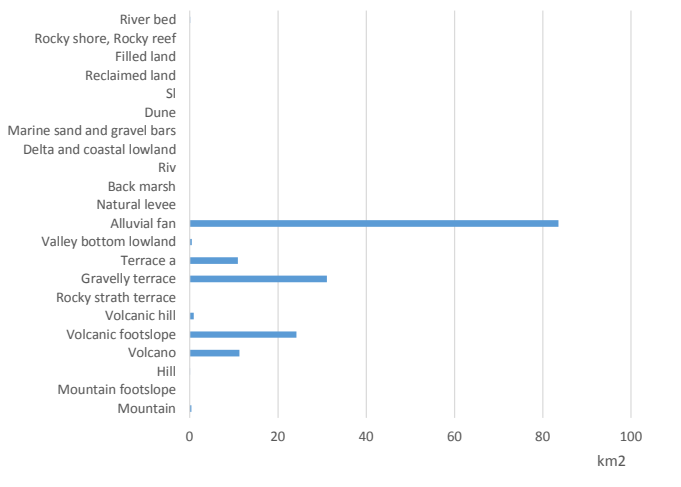
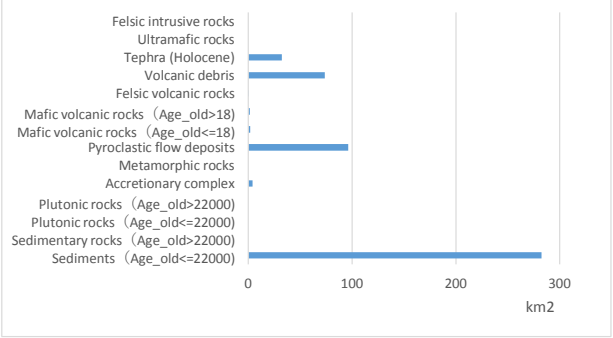
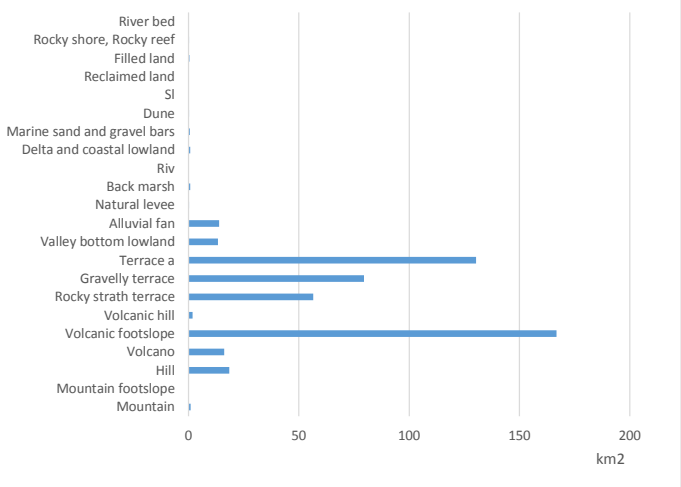
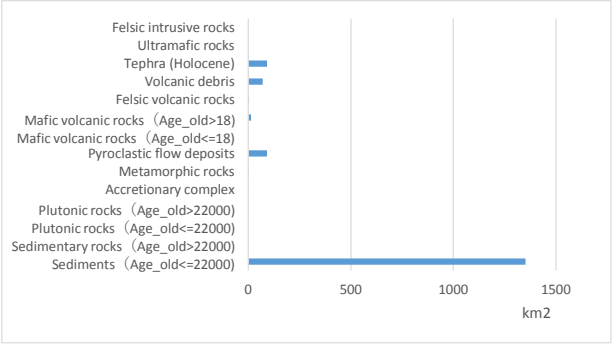
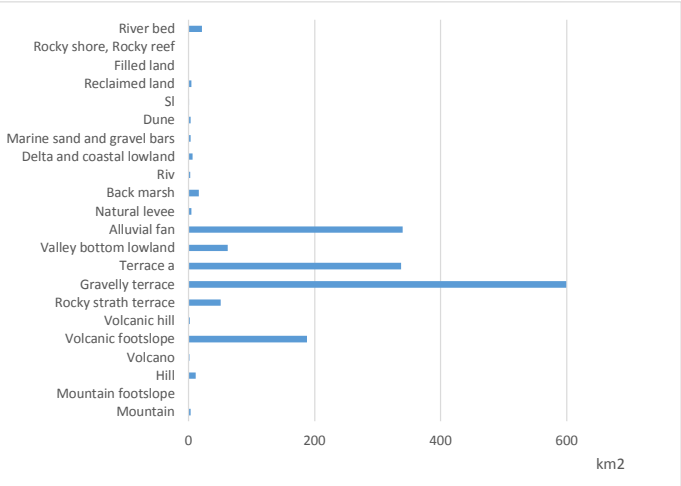
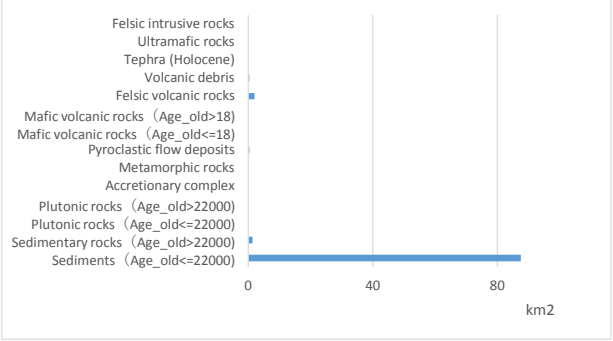
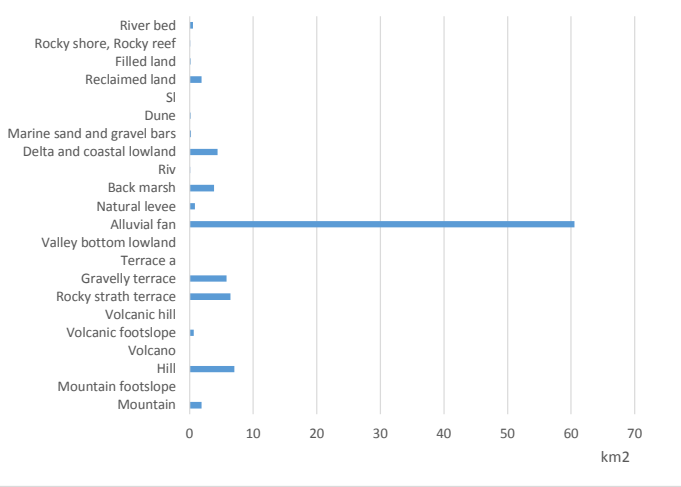
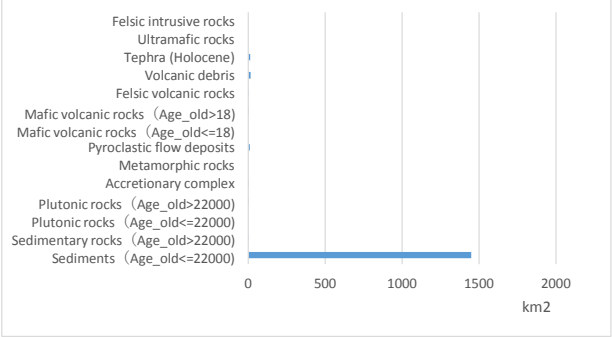
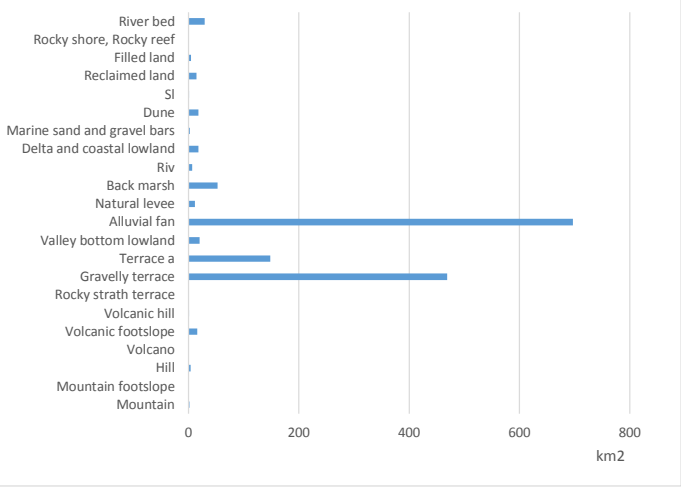
GROUP	No. of cluster	Composition ratio compared with the Seamless Digital geological Map of Japan (Geological Survey of Japan, AIST (ed.). 2015); reclassified (numbers: Ka)	Composition ratio compared with the Japan Engineering Geomorphologic Classification Map (Wakamatsu and Matsuoka, 2013) (SI: Lowland between coastal dunes and/or bars, Riv: Abandoned river channels/former pond and swamp, Terrace a: Terrace covered with volcanic ash soil)	Percentage of landslide masses compared with the Landslide Distribution Maps (NIED)	Averaged slope gradient calculated from the 280 m DEMs (degree)
2	29			7.75	10.87
2	17			4.91	7.39
2	5			7.28	7.09
2	19			4.48	5.75
3	10			5.94	5.26

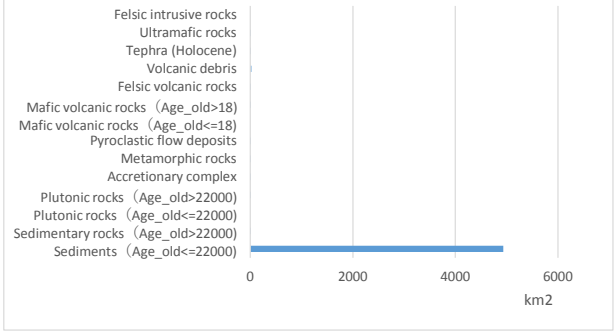
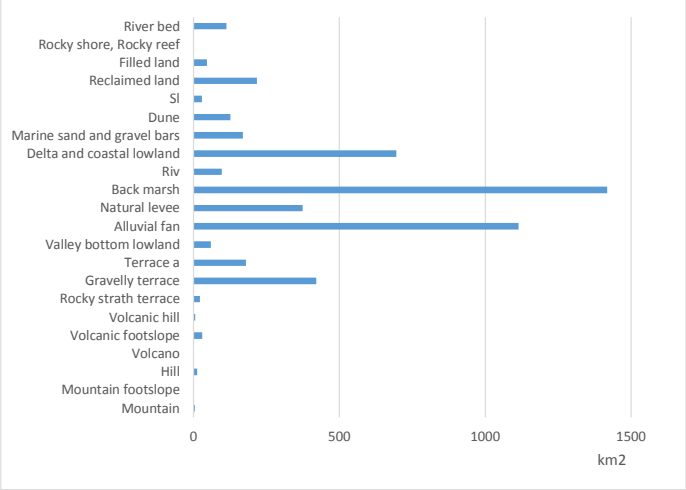
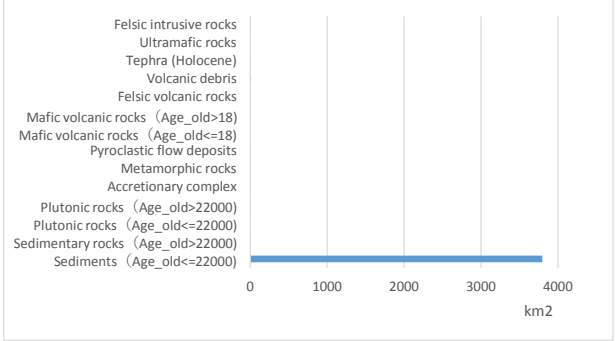
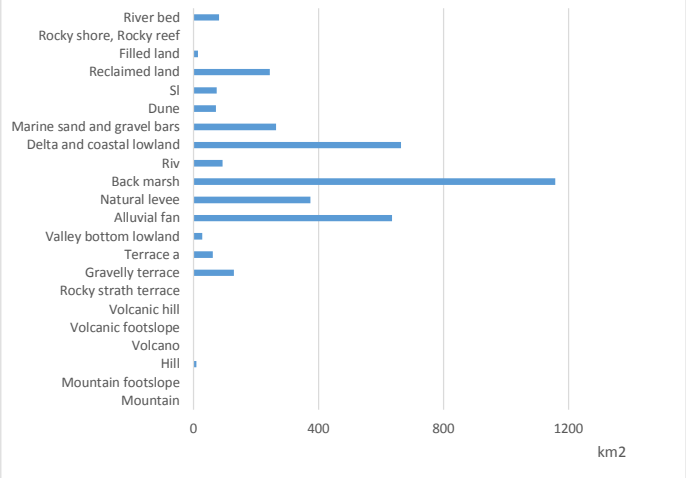
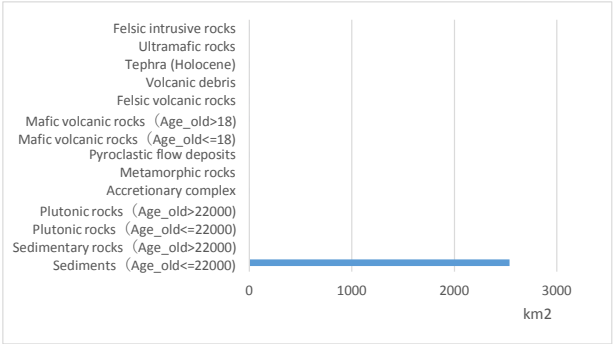
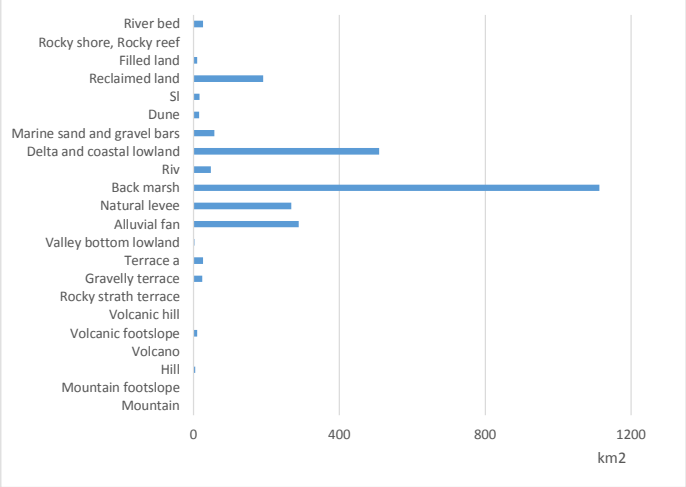
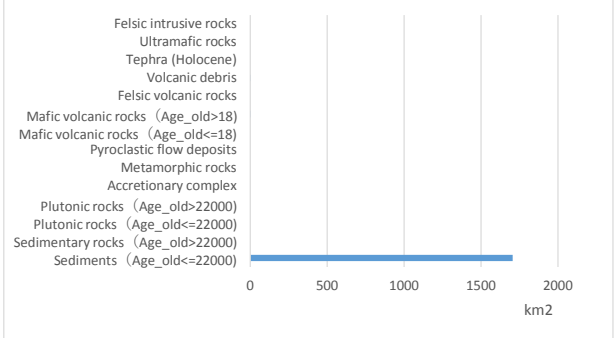
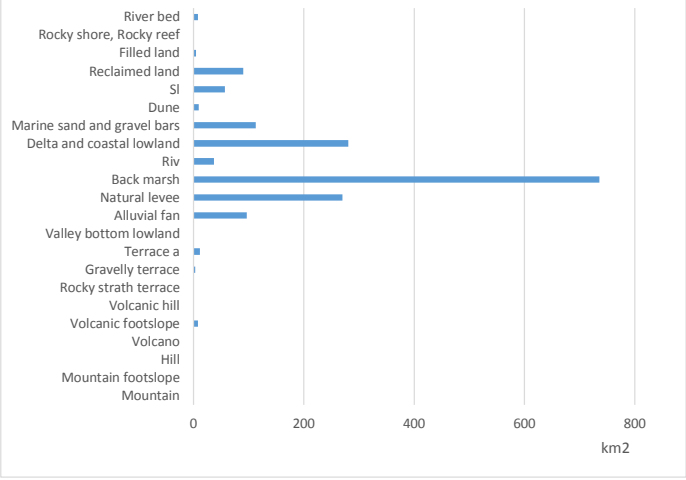
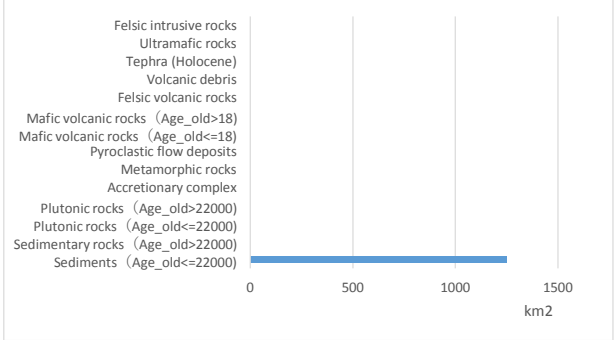
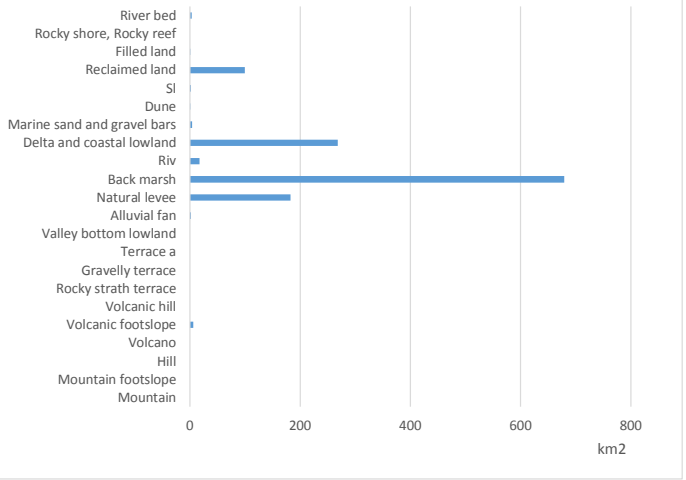
GROUP	No. of cluster	Composition ratio compared with the Seamless Digital geological Map of Japan (Geological Survey of Japan, AIST (ed.). 2015); reclassified (numbers: Ka)	Composition ratio compared with the Japan Engineering Geomorphologic Classification Map (Wakamatsu and Matsuoka, 2013) (SI: Lowland between coastal dunes and/or bars, Riv: Abandoned river channels/former pond and swamp, Terrace a: Terrace covered with volcanic ash soil)	Percentage of landslide masses compared with the Landslide Distribution Maps (NIED)	Averaged slope gradient calculated from the 280 m DEMs (degree)
3	7			4.30	4.36
3	20			3.95	4.29
3	25			2.07	3.38
3	31			1.41	2.61
3	14			2.18	2.55

GROUP	No. of cluster	Composition ratio compared with the Seamless Digital geological Map of Japan (Geological Survey of Japan, AIST (ed.). 2015); reclassified (numbers: Ka)	Composition ratio compared with the Japan Engineering Geomorphologic Classification Map (Wakamatsu and Matsuoka, 2013) (SI: Lowland between coastal dunes and/or bars, Riv: Abandoned river channels/former pond and swamp, Terrace a: Terrace covered with volcanic ash soil)	Percentage of landslide masses compared with the Landslide Distribution Maps (NIED)	Averaged slope gradient calculated from the 280 m DEMs (degree)
3	39			0.94	1.91
3	4			0.58	1.73
3	24			0.58	1.26
4	18			3.66	7.95
5	16			0.87	3.78

GROUP	No. of cluster	Composition ratio compared with the Seamless Digital geological Map of Japan (Geological Survey of Japan, AIST (ed.). 2015); reclassified (numbers: Ka)	Composition ratio compared with the Japan Engineering Geomorphologic Classification Map (Wakamatsu and Matsuoka, 2013) (SI: Lowland between coastal dunes and/or bars, Riv: Abandoned river channels/former pond and swamp, Terrace a: Terrace covered with volcanic ash soil)	Percentage of landslide masses compared with the Landslide Distribution Maps (NIED)	Averaged slope gradient calculated from the 280 m DEMs (degree)
5	34			0.42	2.88
6	2			0.73	1.76
6	28			0.32	1.34
6	38			0.11	0.86
6	21			0.01	0.75

GROUP	No. of cluster	Composition ratio compared with the Seamless Digital geological Map of Japan (Geological Survey of Japan, AIST (ed.). 2015); reclassified (numbers: Ka)	Composition ratio compared with the Japan Engineering Geomorphologic Classification Map (Wakamatsu and Matsuoka, 2013) (SI: Lowland between coastal dunes and/or bars, Riv: Abandoned river channels/former pond and swamp, Terrace a: Terrace covered with volcanic ash soil)	Percentage of landslide masses compared with the Landslide Distribution Maps (NIED)	Averaged slope gradient calculated from the 280 m DEMs (degree)
6	37			0.14	0.73
7	9			0.28	1.48
8	30			0.00	0.59
8	3			0.00	0.44
8	26			0.01	0.35

GROUP	No. of cluster	Composition ratio compared with the Seamless Digital geological Map of Japan (Geological Survey of Japan, AIST (ed.). 2015); reclassified (numbers: Ka)	Composition ratio compared with the Japan Engineering Geomorphologic Classification Map (Wakamatsu and Matsuoka, 2013) (SI: Lowland between coastal dunes and/or bars, Riv: Abandoned river channels/former pond and swamp, Terrace a: Terrace covered with volcanic ash soil)	Percentage of landslide masses compared with the Landslide Distribution Maps (NIED)	Averaged slope gradient calculated from the 280 m DEMs (degree)
9	1			0.00	1.82
9	13			0.03	1.20
9	12			0.10	0.90
9	11			0.00	0.81
9	36			0.01	0.69

GROUP	No. of cluster	Composition ratio compared with the Seamless Digital geological Map of Japan (Geological Survey of Japan, AIST (ed.). 2015); reclassified (numbers: Ka)	Composition ratio compared with the Japan Engineering Geomorphologic Classification Map (Wakamatsu and Matsuoka, 2013) (SI: Lowland between coastal dunes and/or bars, Riv: Abandoned river channels/former pond and swamp, Terrace a: Terrace covered with volcanic ash soil)	Percentage of landslide masses compared with the Landslide Distribution Maps (NIED)	Averaged slope gradient calculated from the 280 m DEMs (degree)
10	35			0.00	0.30
11	27			0.00	0.21
11	32			0.00	0.15
11	33			0.00	0.10
12	23			0.00	0.07

GROUP	No. of cluster	Composition ratio compared with the Seamless Digital geological Map of Japan (Geological Survey of Japan, AIST (ed.). 2015); reclassified (numbers: Ka)	Composition ratio compared with the Japan Engineering Geomorphologic Classification Map (Wakamatsu and Matsuoka, 2013) (SI: Lowland between coastal dunes and/or bars, Riv: Abandoned river channels/former pond and swamp, Terrace a: Terrace covered with volcanic ash soil)	Percentage of landslide masses compared with the Landslide Distribution Maps (NIED)	Averaged slope gradient calculated from the 280 m DEMs (degree)
12	8	Composition ratio compared with the Seamless Digital geological Map of Japan (Geological Survey of Japan, AIST (ed.). 2015); reclassified (numbers: Ka)	Composition ratio compared with the Japan Engineering Geomorphologic Classification Map (Wakamatsu and Matsuoka, 2013) (SI: Lowland between coastal dunes and/or bars, Riv: Abandoned river channels/former pond and swamp, Terrace a: Terrace covered with volcanic ash soil)	0.00	0.03