10 Permafrost and natural hazards

Solutions:

1. Rock fall and other abrupt transportation processes are mentioned as dangerous. In the opinion of the author no hazard is caused by slow thaw settlement and creeping of permafrost (i. e. the movement of rock glaciers).

2. In the case of melting (permafrost-degradation) rocks which were formerly consolidated by permafrost ice can fall, glide or flow down steep slopes (which occur very frequently in high mountains). Thus they endanger areas at lower elevations being free from permafrost.

3. Glacier retreat.

4. Much more people than in former times are on the way in high mountains. Therefore the probability of accidents increases. Especially people who perform extreme sports are used to run high risks.