Knowledge Path

9 Permafrost and people in height mountains

Solution:

1. Mainly the second and the third land type from above can be possible areas of permafrost.
2. There are only a few refuges for alpinist in potential permafrost areas (e.g. Hannoverhaus, Gießner Hütte). The Ankogelbahn at Mallnitz (Gasthof Alpenrose – Hochalmblick – Etschsattel) reaches permafrost
3. The buildings and facilities of energy industry are lower than the potential permafrost areas. Because of the low location of the dammed lake, the catchment area and their efficiency are greater. The Hochalmsee (Picture 2) border on potential permafrost areas. An other energy industry facility is the Gößkarspeicher (Picture 2)
4. By the 19 Century, there was little motivation for people to move into the highlands of the mountain – this only happened trough tourism. Since the 1980s the establishment of the National Park Hohe Tauern gives the nature conservation priority in contrast to economic use.