



Landslides nearby Boguchwała

Hubert Maj

High School with Two-Languages Classes in Boguchwała, Tkaczowa 146 st., 36-040 Boguchwała, Poland (hubertmaj@wp.pl)

The students of first class of our school have been working during this season about landslides nearby Boguchwała – where our school is located. Although landslides in Poland are most common in the Carpathian Mountains, in southern Poland, this phenomenon becomes more and more serious also in other regions. The example of them is strzyżowski powiat, nearby Boguchwała, situated about 100km on the north from the Carpathian Mountains. These landslides have occurred on a large scale in the district for 2000 year. What happened in 2010 was a real cataclysm. By now, people noted about 100 active landslides in the area of the district, which caused damage to about 400 building constructions and 50 families had to leave their homes. The largest landslide is located on the western slope of the valley of Wisłok. The landslide was almost 10ha big, 326m long and 330m wide. It caused damage to houses and barns, and one of them literally fell to the ground. The ground has subsided due to the geological construction of the substrate, mountain dynamic of sculptures and frequent downfalls. It was established on the base of sandstone. To prevent the phenomenon of the proceedings should be planted different kinds of plants to stabilize the ground.