

ACEMat™ R Used for Collapse Area Protection and Revegetation

◆ Background

Feng-Shan Scenic Area is located in Alishan Township, it's around 750 meter above sea level. The principal tourism characteristics in this area are many suspension bridges and always can see the mountains are wrapped by the clouds. However, as there is high altitude and soft soil in some places, it tends to make the landslides when the heavy rainfall is coming, and cause a lot of debris endangering the safety of residents and passers-by.



◆ Problem

The project is located in the downhill of the road. As the massive landslides occurred in uphill, it caused whole the slope vegetation with the soil layer slipping to the foot of the mountain. The slope not only lost the plant protection, but also endangered the safety of passer caused by the falling rocks. In order to offer the safe environment and restore the slope, it needs the surface protection and the vegetation to prevent the serious collapse caused by the heavy rainfall.



◆ Solution

This project applies ACEMat™ R geomat and Net Straw Blanket to do the vegetation slope protection engineering. The ACEMat™ R is anchored on the slope, and meanwhile we use the horizontal and vertical drainage design to accelerate the flow discharging from the ditch, in order to increase the stability and anti-erosion of the slope. Using ACEMat™ R is not only economic and convenient for installation, but also reduces the impact to environment.

