

An aerial photograph showing a winding road built into a steep, forested mountain slope. The road is light-colored and curves sharply through the green vegetation. A small building is visible near the road. The background shows more forested hills.

TREK ROUTE TO SHRI MATA VAISHNO DEVI SHRINE (1), ИНДИЯ

Камнепады, обвалы, осыпи

Trek route to Shri Mata Vaishno Devi Shrine (1)

Камнепады, обвалы, осыпи

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| Проект | Trek route to Shri Mata Vaishno Devi Shrine (1) |
| Место | Katra, Jammu & Kashmir |
| Страна | Индия |
| Год установки | 2016 |
| Клиент | Shri Mata Vaishno Devi Shrine Board |
| Проектировщик | Tehri Hydro Development Corporation Ltd |
| Подрядчик | Pioneer Foundation Engineers Pvt Ltd |
| Ситуация | <p>There had been several cases of rockfall and landslides in the trek route of the Holy Shrine of Mata Vaishno Devi. Therefore, the Shrine Board decided to actively stabilize the 75° and higher steep slope, up to a maximum height of 70 m in this section. A protective measure had to be selected to stabilize the exposed cutting against superficial instabilities, tilting as well as sliding of individual blocks and rockfalls.</p> |
| Описание | <p>The flexible slope stabilization system consists of TECCO® G65/3 high-tensile steel wire mesh and QUAROX® rolled cable net, system spike plates and soil nails has been selected. Spike plates which match the load capacity of the mesh serve to fix the mesh to soil or rock nails. By tensioning these nails, and recessing the spike plates into the ground, the mesh is adequately tensioned to ensure it follows the surface contours.</p> <p>Based on the survey results, the authorities also decided to apply a rockfall protection barriers from Geobrugg. With its ring nets made of high-tensile steel wire the barrier design has been tested and approved to absorb impact energies of up to 8000 kJ. A total number of 15 barriers were installed in different locations with energy absorption capacity ranging from 3000 kJ up to 8000 kJ.</p> <p>See also our slope project Trek route to Shri Mata Vaishno Devi Shrine (2)</p> |
| Защищаемый объект | Дорога, Строительство, Туристическая инфраструктура, Инфраструктура, Архитектура, Другое |
| Другие конструкции | Укрепление склонов |
| Защита от коррозии | Оцинковка, GEOBRUGG SUPERCOATING |
| Энергия удара (кДж) | 3000 кДж, 5000 кДж, 8000 кДж |
| Высота системы | 5.0м, 6.0м, 7.0м, 9.0м |
| Длина системы | 25 m - 110 m |

Для получения информации свяжитесь со специалистом в своём регионе

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