



TREK ROUTE TO SHRI MATA VAISHNO DEVI SHRINE (2), HINDISTAN

Şev ve Yamaç koruma

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Proje	Trek route to Shri Mata Vaishno Devi Shrine (2)
Yer	Katra, Jammu & Kashmir
Ülke	Hindistan
Kurulum Yılı	2016
Müşteri	Shri Mata Vaishno Devi Shrine Board
Mühendislik	Tehri Hydro Development Corporation Ltd.
Yüklenici	Pioneer Foundation Engineers Pvt Ltd.
Durum	<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>
Açıklama	<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 8'000 kJ.</p> <p>See also our rockfall project Trek route to Shri Mata Vaishno Devi Shrine (1)</p>
Gösterilen obje	Road, Building, Touristic infrastructure, Infrastructure, Architecture, Other
Kurulan diğer uygulamalar	Kaya düşmesine karşı koruma
Korozyon koruma	GEOBRUGG SUPERCOATING, GEOBRUGG ULTRACOATING
Dengelenen alan	8050 m ²
Maksimum eğim yüksekliği	70 m
Eğim meyili	65 ° - 70 °
Yeşillendirme	Evet
Erozyon kontrol matı	Evet
Konumlandırma	North

Sorularınız için yerel Geobruigg uzmanınızla iletişime geçiniz

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