



TOPOLOVENI - CHECK DAM, ROMANIA

Protezione contro frane e colate detritiche

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Progetto	Topoloveni - Check Dam
Luogo	Topoloveni
Paese	Romania
Anno di installazione	2010
Cliente	City Hall Topoloveni
Progettazione	Expert Proiect 2002 S.R.L.
Contraente	Chirulli Andreea S.R.L.
Altre società partecipanti	Sächsische Bau GmbH Dresden, Sibiu Branch
Situazione iniziale	<p>The road connecting Topoloveni with the A1 Highway became compromised when the bridge foundations, supporting the highway, over the Arges River, began to erode. Initially a check dam was planned to prevent further damage to the bridge.</p>
Descrizione	<p>To protect the bridge foundations, Geobruigg proposed and designed an alternative solution to a massive and heavy concrete check dam. With our special design, using Geobruigg debris flow barriers and Geobruigg DEBFLOW dimensioning software, two flexible check dams were designed and installed. Thanks to this unique technology, a new diversion channel was not required.</p> <p>The installed barriers were filled with rock blocks. By changing the river's hydraulic gradient and slowing down the flow of the river, further erosion of the bridge foundations was prevented.</p>
Oggetto protetto	Strada, Infrastrutture
Protezione dalla corrosione	Galvanized, GEOBRUGG SUPERCOATING
Altezza del sistema	4.5 m, 6.5 m
Lunghezza del sistema	25 m - 35 m
Numero di barriere	2
Capacità di trattenuta	100 m ³

Per qualsiasi domanda potete contattare il nostro specialista Geobrugg

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