



TOPOLOVENI - CHECK DAM, ROUMANIE

Laves torrentielles et coulées de boue

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Projet	Topoloveni - Check Dam
Ville	Topoloveni
Pays	Roumanie
Année d'installation	2010
Client	City Hall Topoloveni
Ingénierie	Expert Proiect 2002 S.R.L.
Entrepreneur	Chirulli Andreea S.R.L.
Autres sociétés participantes	Sächsische Bau GmbH Dresden, Sibiu Branch
Situation de départ	<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>
Description	<p>To protect the bridge foundations, Geobrugg proposed and designed an alternative solution to a massive and heavy concrete check dam. With our special design, using Geobrugg debris flow barriers and Geobrugg 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>
Site protégé	Route/Rue, Infrastructure
Protection anticorrosion	galvanisé, GEOBRUGG SUPERCOATING
Hauteur du système	4.5 m, 6.5 m
Longueur du système	25 m - 35 m
Nombre de barrières	2
Capacité de rétention	100 m³

Pour toute question, contactez votre spécialiste Geobrugg le plus proche

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