



TOPOLOVENI - CHECK DAM, ROMÂNIA

Protecția împotriva torenților și a alunecărilor superficiale

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Proiect	Topoloveni - Check Dam
Loc	Topoloveni
Țară	România
Anul instalării	2010
Client	City Hall Topoloveni
Tehnologie	Expert Proiect 2002 S.R.L.
Antreprenor	Chirulli Andreea S.R.L.
Alte companii implicate	Sächsische Bau GmbH Dresden, Sibiu Branch
Situația inițială	<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>
Descriere	<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>
Obiect protejat	Road, Infrastructură
Protecție împotriva coroziunii	Galvanized, GEOBRUGG SUPERCOATING
Înălțime sistem	4.5 m, 6.5 m
Lungime sistem	25 m - 35 m
Număr de bariere	2
Capacitate de retenție	100 m ³

Pentru întrebări, vă rugăm să contactați specialistul Geobrugg din zona dvs.

Roger Moor

Country Manager Ost- und Zentralschweiz, Liechtenstein

Telefon +41 71 466 81 52

Mobil +41 78 783 46 81

Roger.Moor@geobrugg.com



Geobrugg

info@geobrugg.com | www.geobrugg.com
