HYDRAULIC & EROSION CONTROL  
**Product:** TERRAMESH

**Problem**
During the 1995 - 1996 raining seasons, the heavy downpours have caused a number of slope failures in Malaysia; one of the particular incidents is at KM5 of Jengka Felda Road, Pahang.

The slope failure was identified to occur due to a series of prolonged and intense rainfall. The rainwater subsequently reduced the shear strength of the slope and caused it to collapse. Generally, this type of rainfall-induced slope failure is not uncommon in tropical regions.

**Solution**
In reinstating the slope, an initial design was drawn by IKRAM, a government in-house consultant using Maccaferri’s Terramesh Wall System; taking advantage of the ease and speed of construction and the cost effectiveness in employing this system. Subsequently, Maccaferri had a discussion with IKRAM on the initial design and a revised proposal was submitted to the Jabatan Kerja Raya (JKR) Pahang. The proposal was approved and adopted.

The construction commenced in January 1997 and completed in May 1997. The 100m long and 15m high Terramesh wall was built successfully beside a river in only 4 months - a relatively fast construction project considering the difficult site conditions.

**Client:**
JABATAN KERJA RAYA (JKR) PAHANG

**Main contractor:**
SAJ SDN BHD

**Consultant:**
IKRAM

**Products used:**
1,200 M² TERRAMESH

**Date of construction:**
JANUARY - MAY 1997