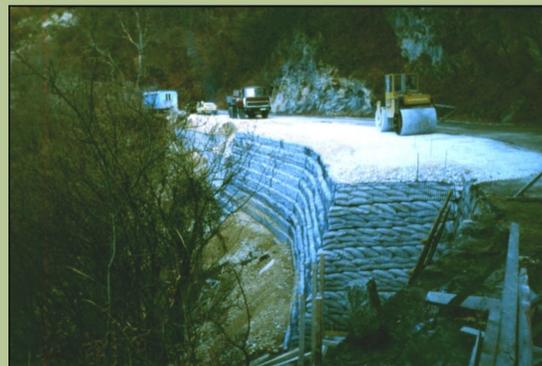
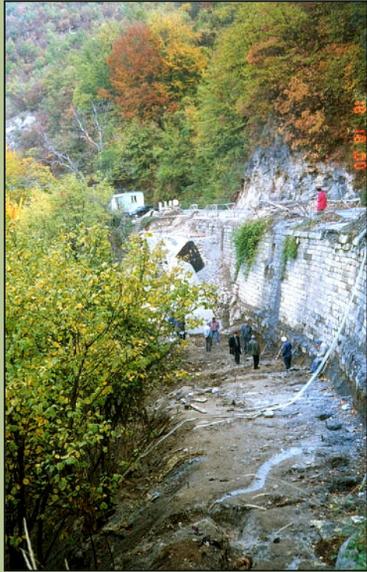


Two geogrid-reinforced steep slopes as combined structures on columns and piles: Case histories

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Geosynthetic reinforced steep slopes and walls became very popular worldwide during the last 15 years because of their financial, technical, ecological and landscape-related advantages. Meantime, a wide range of solutions is possible based on the use of modern reinforcing geosynthetics. It is possible to combine them with other elements or systems e.g. piles or columns especially to ensuring external stability. Specific geogrid-reinforced steep slopes set on columns or piles are described: The first one in Bulgaria on a steep slope in a seismic region, the second one in Germany on an instable slope of softer soils.

