



*This project  
is supported by:*

The NATO Science for Peace  
and Security Programme

Project fiche

9 July 2009

## **Landslide Risk Assessment in the Republic of Moldova** (ref. 983287)

Landslides are a major natural hazard in Turkey and Moldova as they often result in the destruction of infrastructure, buildings and sometimes even loss of life. The geological, geomorphologic and climatologic similarities between these two countries allow the research teams to join their expertise and knowledge with the aim to make urban development and regional planning in Moldova safer.

The objectives of this project are 1. to develop a reliable methodology for assessing landslide risks by applying remote sensing and Geographic Information Systems (GIS); 2. to prepare a landslide inventory and database showing landslide characteristics; 3. to produce landslide susceptibility maps and models for territorial planners and decision makers.

The results will be transferred to the Ministry of Internal Affairs of Moldova, Civil Protection Service that will disseminate the recommendations to appropriate governmental agencies and local administrations

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**Approval Date:** 14 November 2008      **Effectived Start Date:** 25 March 2009  
**Duration:** 3 years; expected completion by April 2012



The research team at one of the three sites that are being studied within this project. The landslide occurred in 1983 and destroyed houses of the village Malaiesti that was trapped between the river Dnistru and the earth masses. Today, the risk for a recurrent landslide is considered high.