

REGIONE AUTONOMA FRIULI VENEZIA GIULIA  
PROTEZIONE CIVILE

## Regional funding for the reconstruction of the Val Canale and Canal del Ferro

- With the LR No. 1 of January 26, 2004 (Regional Act 2004) art.4 has been allocated a budget of 12.5 million euros for 15 years from 2005 to the contraction of a mortgage by the Region, which provides additional funding € 139,843,211.07, for the reconstruction of Valley Canal and the Canal del Ferro. The budget is divided in three annual installments:  
Year 2005: € 62,310,000.00;  
Year 2006: € 63,503,190.00;  
Year 2007: € 14,030,021.07

INTERVENTO  
METEOROLOGICOLE ORDINANZE  
RISTORO DANNI

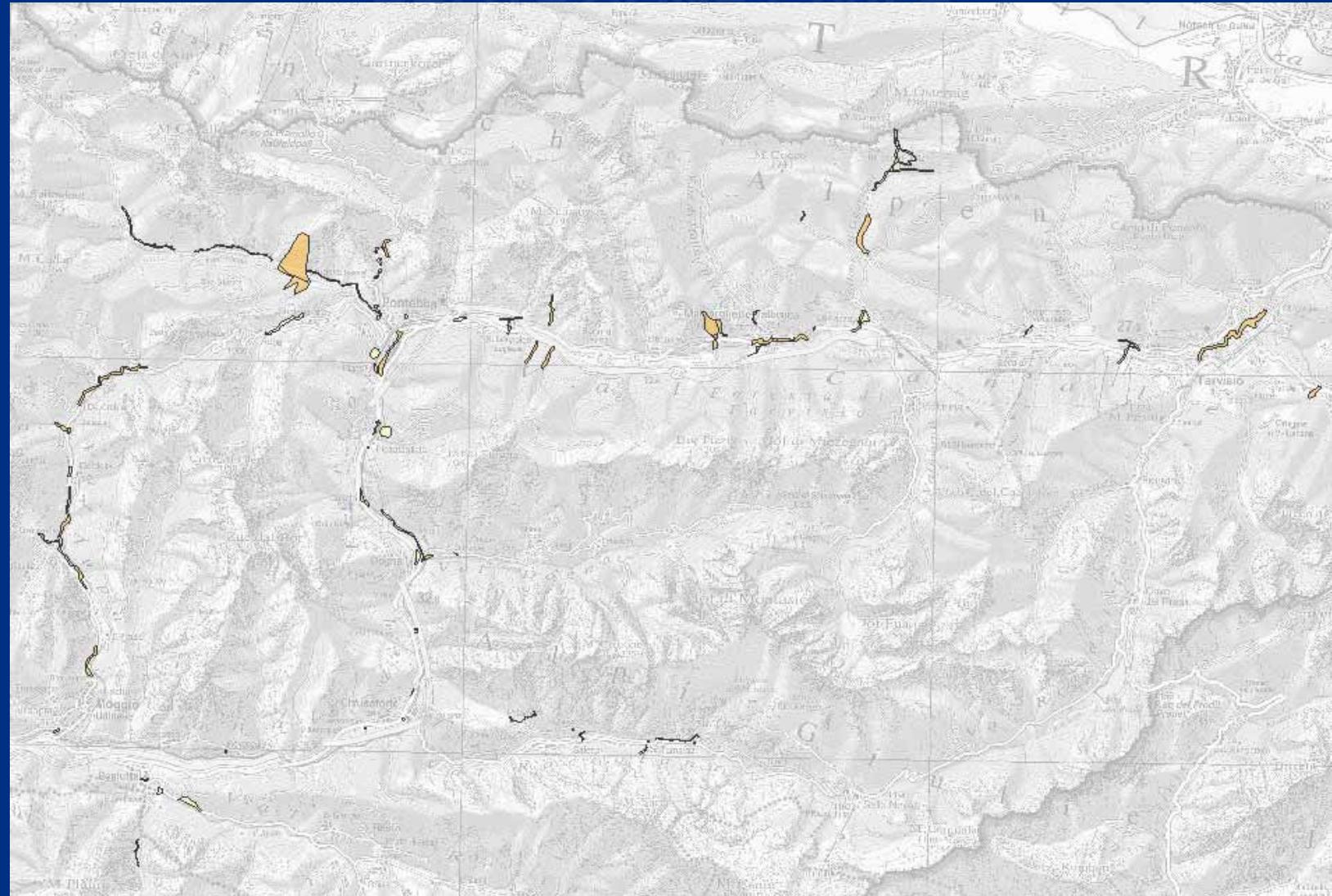
O.P.C.M.3309/03

O.P.C.M.3339/04

INTERVENTI  
FIN. REG. 2005INTERVENTI  
FIN. REG. 2006 - 2007

## Regional funds 2005

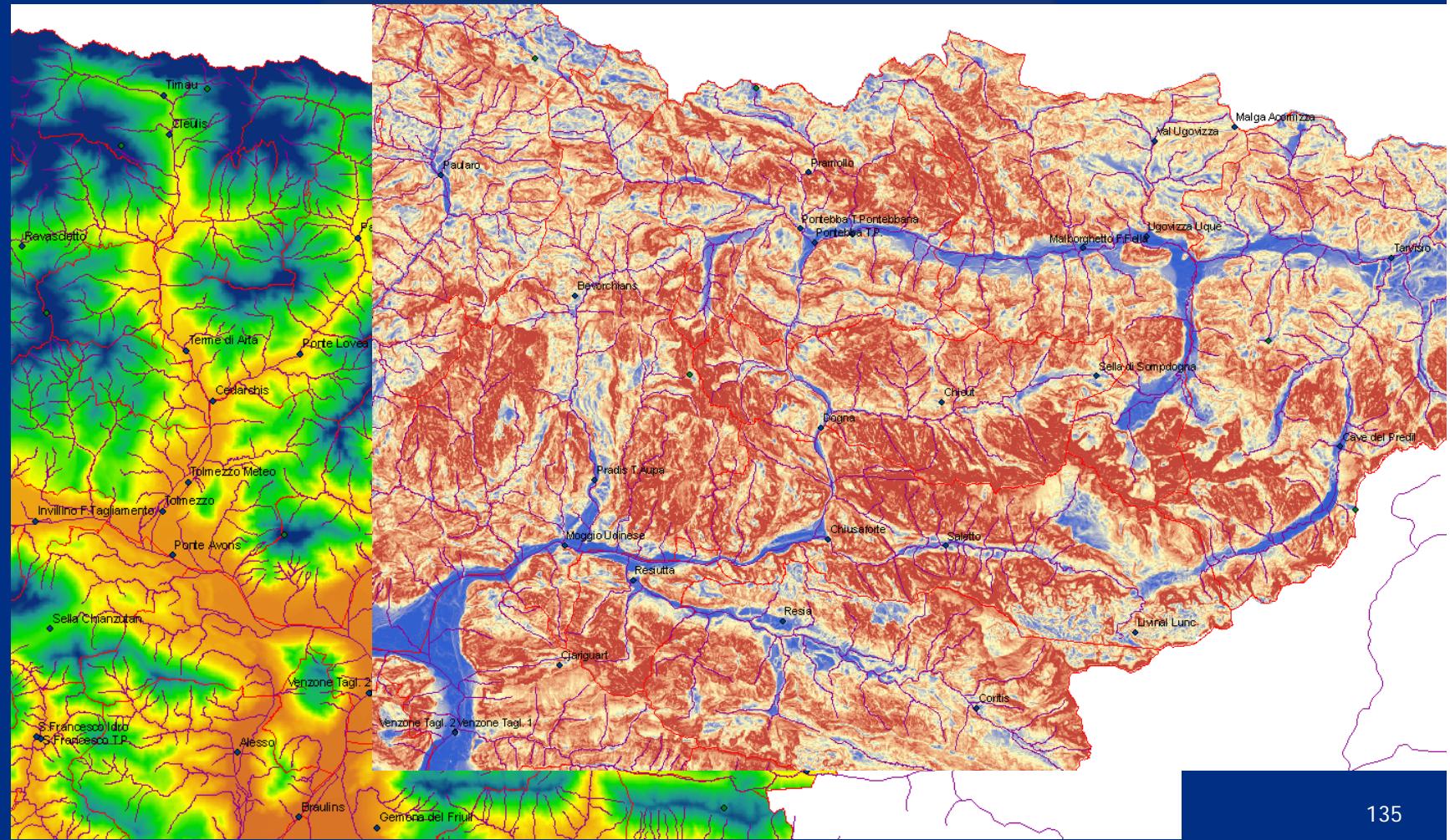
Location for all the interventions financed and photographic documentation of some



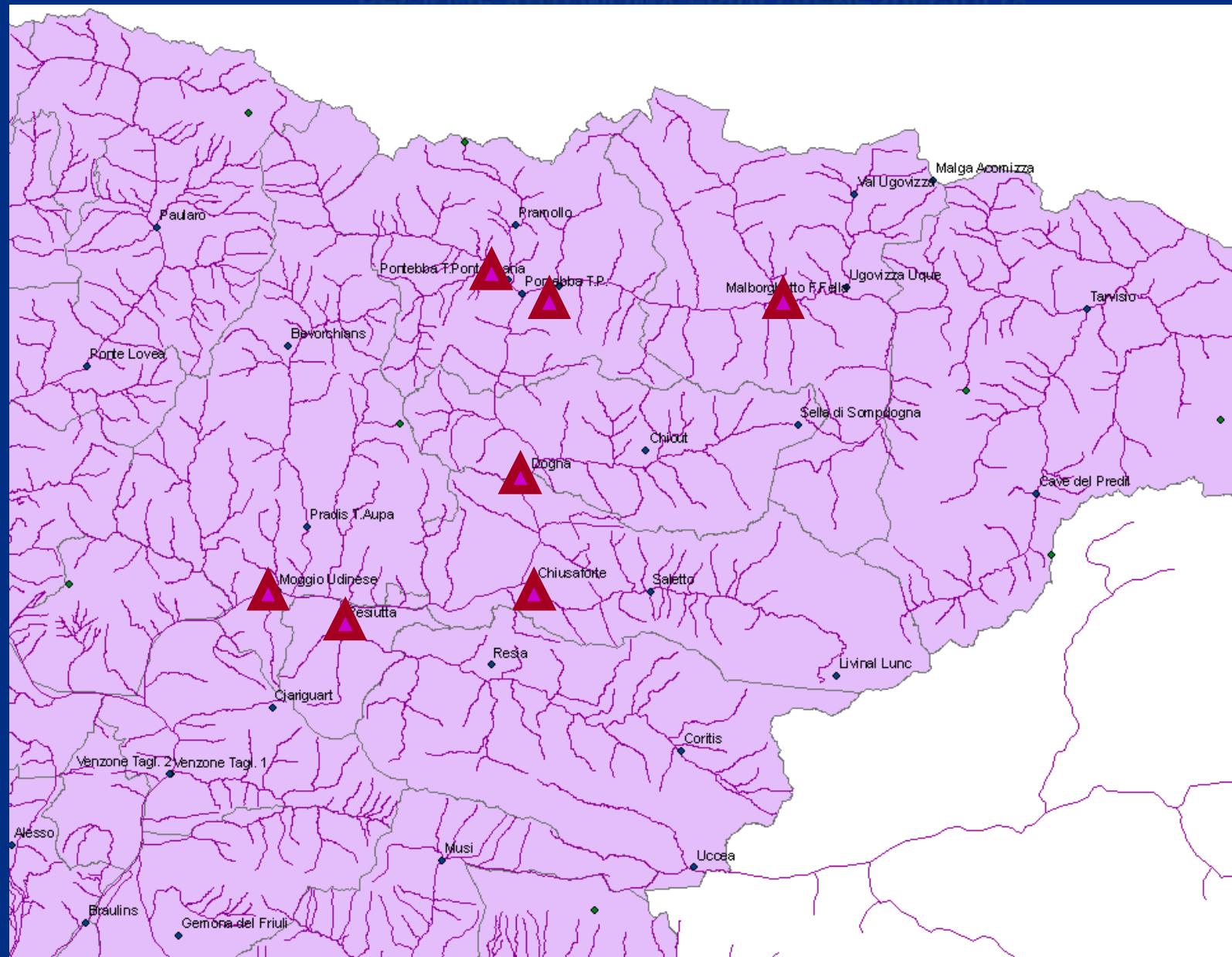
# CHANGES Project

## Data available for hydrologic and hydraulic analysis

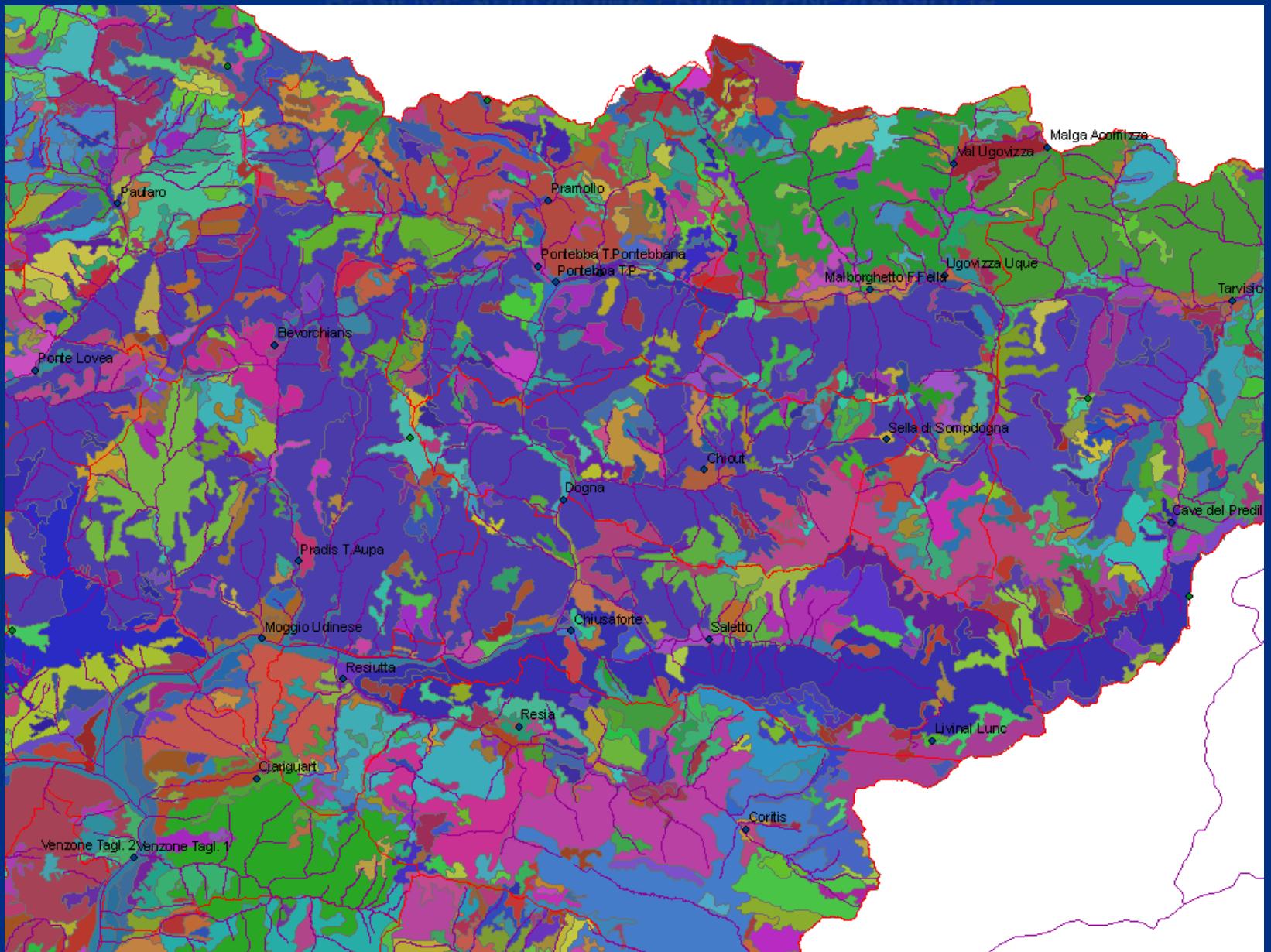
D.E.M: LIDAR 2006-2009 to generate a regular grid DEM



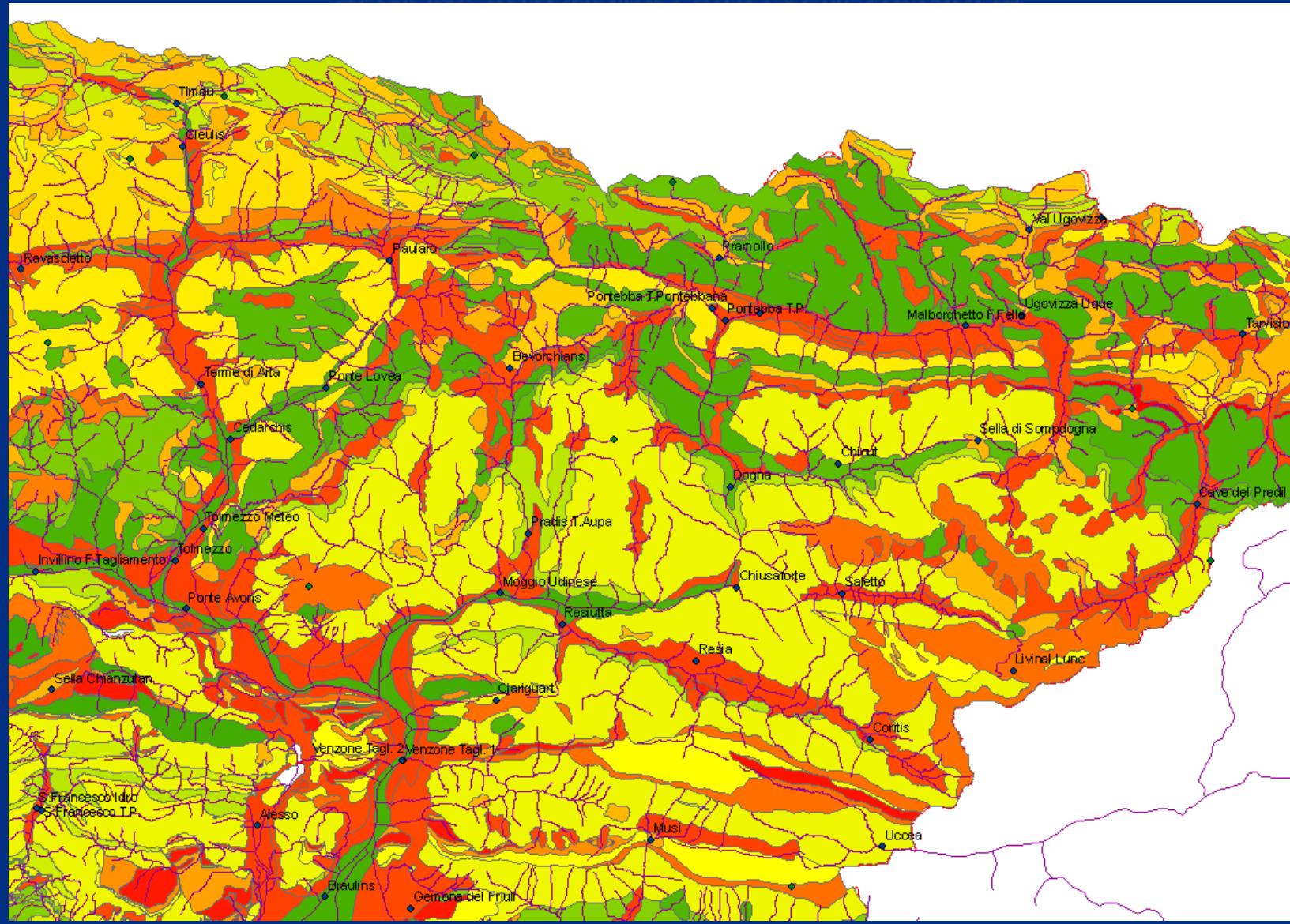
## Hydro – meteorological network for real-time measurement



## Land Use (Project Corine Land Cover)



## Superficial lithology scala 1:150'000





## Target of the PCR

Develop a decision support tool (DSS) for the responsible managers of meteorological events in the region

Acquire knowledge for the proper dissemination of information about disasters to the various stakeholders

Gradually increase the knowledge of the territory and its natural phenomena in order to respond ever more precise.

Transfer the second approach to decision-making patterns and procedures shared among the various entities in charge of emergency management.



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**PROTEZIONE CIVILE**

**PROTEZIONE CIVILE DELLA REGIONE**

Alluvione 29 agosto 2003:  
Progetto CHANGES – Area di studio

ing. Claudio Garlatti

Pontebba, 13 dicembre 2011