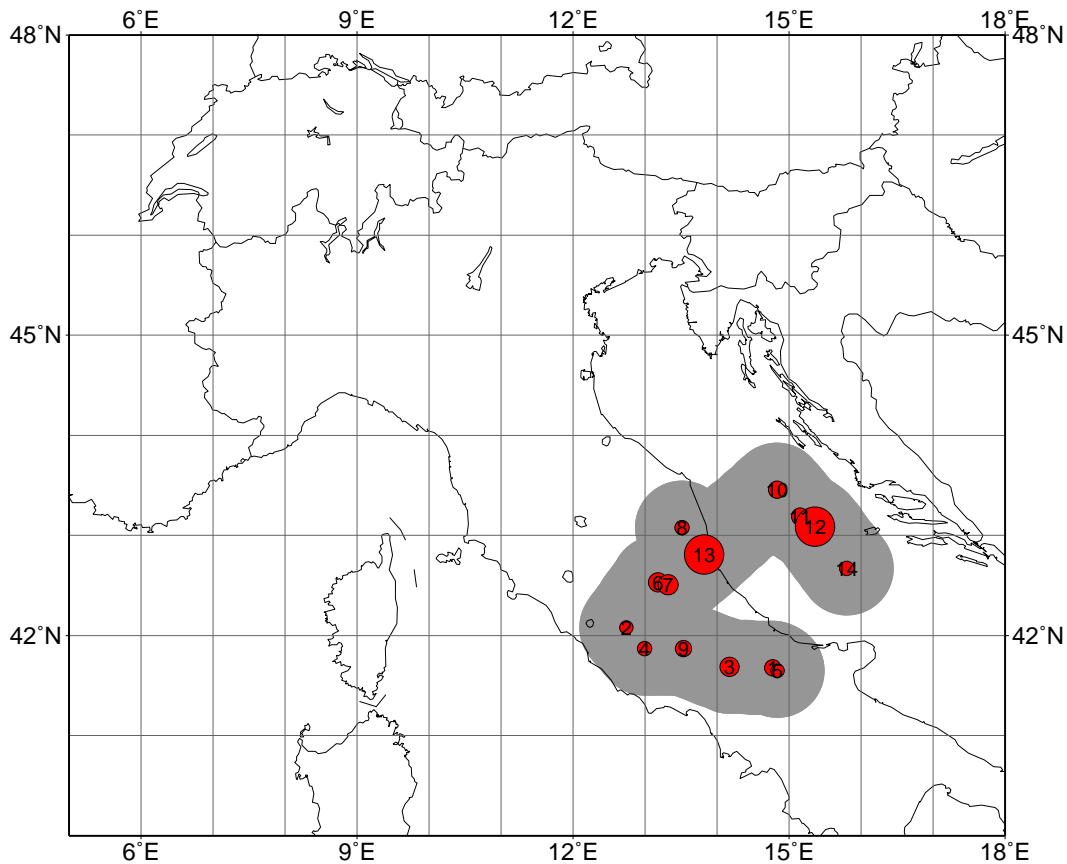


Experiment in advance short-term earthquake prediction using algorithm *Reverse Tracing of Precursors ("RTP")*

Prediction #8, January 29, 2005

An earthquake with magnitude $M \geq 5.5$ (maximal value among four listed in the EHDF format of the PDE catalog) is predicted to occur before October 1, 2005 (00:00 GMT) in the gray area shown in the figure below.

Estimated probability that a target earthquake will occur at random in the time-area of alarm is less than 7%. Estimated probability of a false alarm does not exceed 50%.



Red circles show the earthquakes that formed precursory chain. They are numbered in the order of occurrence, as in their catalog given below. Area of alarm is shown in gray.

Earthquakes forming the precursory chain (#, date, epicenter, M)

01 2004.09.02 41.68 14.77 3.1	06 2004.10.08 42.53 13.18 3.3	11 2004.12.03 43.19 15.15 3.2
02 2004.09.30 42.08 12.74 2.9	07 2004.10.10 42.51 13.32 3.4	12 2004.12.04 43.09 15.36 4.7
03 2004.10.01 41.69 14.17 3.3	08 2004.10.25 43.08 13.51 3.0	13 2004.12.09 42.81 13.82 4.7
04 2004.10.05 41.87 12.99 3.0	09 2004.11.15 41.87 13.53 3.1	14 2004.12.31 42.67 15.80 3.0
05 2004.10.06 41.65 14.84 2.9	10 2004.11.25 43.46 14.83 3.2	

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