



Predict Italy strong earthquake with satellite data and seismic data

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In the year of 2012, according to the satellite cloud anomaly appeared over Italy on 21-23 April 2012, we predicted there will be a M5.5-6.0 quake in Italy. On May 20 a M6.0 quake happened in north Italy and this proved our prediction. Since then we began to study cloud anomaly in Italy. In the end of 2015, based on the history seismic data, we suspect that M6.0-M6.5 quake will hit central Italy, and then some satellite cloud anomalies really appeared. So we are sure about this prediction and send it to Italy INGV in January 2016. Finally the result is a M6.2 quake hit central Italy on August 24, 2016 which is 3 months later than our prediction. Though the time is delayed, the magnitude and location prediction is good and the expected strong quake really comes in the year of 2016. These two partly successful predictions show a promising method of forecasting strong earthquakes with satellite cloud anomaly and seismic data. We think that if someone listen to our suggestion and put some geophysical sensors in central Italy before this quake, the time error would be reduced and a good prediction could be made.