Natural Hazards
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Discussions

Interactive comment on "Technical Note: An operational landslide early warning system at regional scale based on space–time variable rainfall thresholds" *by* S. Segoni et al.

Anonymous Referee #2

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This technical note describes the implementation and use of a landslide early warning system of the Tuscany region of northern Italy. Paper such as this are useful as the use of operational landslide early warning systems become more common. Overall, the description of the early-warning system is clear. However, additional discussion of the landslide types and processes that are being warned for would be useful to the reader. With respect to the operational operational scheme, clarification of the 30-minute latency period between rain gage observations and ftp transfer of the data to the desktop system should be presented.

The figures are generally fine, although screen shots of computer displays are less than

ideal for a scientific article. Legible axes labels should be added to figures 4 and 5. The captions for these figures should also contain an explanation of the various labels. It is awkward to ask the reader to refer to the text to decipher each of the figures.

The English usage is generally intelligible, but would benefit from an edit with an eye towards readability.

pg. 6600, line 4: Spell out acronym LAMI pg. 6600, line 13: Clarify what is meant by "physical features" pg. 6601, line 7: If the locations of landslides could be identified in advance, what is the need for the warning system. Clarifiy pg. 6604, lines 10 - 15: This paragraph doesn't make sense. Clarify. pg. 6606, lines 10 - 20: Move explanation of figure labels to figure captions. pg. 6607, line 20: Figure showing how forecasts are used in combination with gage measurements would be helpful.