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Interactive comment on "Automated Terrestrial Laser Scanning with Near Real-Time Change Detection – Monitoring of the Séchilienne Landslide" *by* Ryan A. Kromer et al.

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It is a very interesting paper on an Automated Terrestrial Laser Scanning system with automatic near real-time change detection processing and I really appreciated it. The introduction provides sufficient background and includes most of the relevant and up-dated references. The research design is simple but very appropriate. Methods are well described and results clearly presented. All the conclusions are supported by data. The six-weeks period of acquisition, with data collected at 30 minute intervals, is effective and very innovative. The possibility to offer an alternative to GB-InSAR deformation monitoring has been clearly identified with high accuracy of results, full technical descriptions and completeness. The originality is high and the paper contents will

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probably represent an importance reference in the future of hyper- and super-temporal slope stability monitoring. The significance of content is high as well as the quality of presentation and the scientific soundness. The interest to the readers is also high. In general the figures are simple, quite clear, and properly cited and commented in the text. The scale of representation of Figures 7, 8, and 9, been their main goal to show the spatial distribution of change detection results, is probably inadequate for geological/geomorphological interpretation. Additional remarks: - The detection of the flux of talus, displacement of the landslide and pre-failure deformation of discrete rockfall events are no clearly identified in the figures. - A geological and geomorphological map of the area could have been useful to better explain the characteristics of the area and the landslide. - Highlights are missing.

The English language and style are fine. In my opinion the overall merit of then paper is high.

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