

Report #1

<p>are there any other paper dealing with seismic-induced landslides monitoring?</p> <p>InSAR is good for that?</p> <p>Coherence analyses and optical imagery are a valid support? Is there literature supporting that?</p> <p>What's the added value given by your paper?</p> <p>Was Licsbas technique already used? If so, in which other case studies? Is there any technical improvement by using Licsbas?</p> <p>Was the use of open source software a valid support?</p> <p>There are many points raised which should be introduced and compared in the introduction and discussion sections, otherwise I cannot understand why you are writing this paper and which is the main aim of it.</p> <p>Finally, I think the title should be revised highlighting that this is a case study, not a general paper on seismic-induced landslide monitoring by InSAR (which is also not the only technique used here).</p>	<p>Yes, some are mentioned in this paper (Goudarzi, 2010, Cascini et al., 2013; Wempen, 2020 , Jacquemart and Tiampo, 2021, Jacquemart and Tiampo, 2021., Etc) but in this paper we investigate it using InSAR.</p> <p>InSAR has abundantly proved to be a solid technique for monitoring such cases and slow movements.</p> <p>Yes, coherence is a good method for detecting ground changes, but optical methods have some limitations. The Coherence method is used by Jacquemart and Tiampo, 2021, to detect landslides.</p> <p>The work demonstrates the capability of using InSAR methods to monitor any land deformation, including landslides.</p> <p>This technique has been used in time series estimation, and we cited some papers that used LiCSBAS in the references.</p> <p>The main software used in this study was SNAP, which was developed by the European Space Agency (ESA). This software is widely used by scientists and has been mentioned in numerous papers.</p> <p>We investigated the area by InSAR in the aftershock of an earthquake in order to identify geotechnical displacements or any land deformations, their extent, and locations. We have two cases in this area, one has occurred, and the other (Grarem) is suspected to be an imminent landslide due to the same conditions.</p> <p>InSAR is the primary methods from which other are derived technique.</p>
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