

Nat. Hazards Earth Syst. Sci. Discuss., referee comment RC1  
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## **Comment on nhess-2022-90**

Anonymous Referee #1

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Referee comment on "A Scenario-based Case Study: AI to analyse casualties from landslides in Chittagong Metropolitan Area, Bangladesh" by Fahim Sufi et al., Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2022-90-RC1>, 2022

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This is a very interesting work on critically analyzing landslide events in Chittagong Metropolitan Area (CMA). Provided that landslides and land falls, like many other disasters, have detrimental effects on the economy, infrastructure and precious life, using modern AI-driven approaches to obtaining critical insights into decision-making is a significant research contribution. Particularly, I liked the fact that the solution described in this study provides decision-support in plain english, which might be suitable for a non-technical decision maker. Moreover, deploying the proposed solution and testing them in mobile environments (e.g., iOS, Android, Windows etc.) is innovative and significant. This paper is well written and maintains a cohesive logical flow. Hence, I am in favor of accepting this paper in its current form.