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(57) Abstract :

The present disclosure provides a system for detection of landslide. The system includes first sensors 102 to sense geological parameters and second sensors 104 to sense meteorological parameters. The system includes a computing unit 108 to extract first parametric values associated with the geological parameters from the first sensors 102, and second parametric values associated with the meteorological parameters from the second sensors. The system configured to generate a weighted value of the first extracted parametric values and the second extracted parametric values based on one or more weighting factors, and generate a set of warning signals to indicate one or more metrics pertaining to probability, time, impact, strength and extent of occurrence of the landslide in the AOL

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