

GEOLOGY

Premium Edit

~~Some Geological~~ disasters are closely associated with water; ~~for example, fast floods may be caused by increased groundwater levels and high in particular, is closely related with the precipitation intensities and groundwater.~~ In particular, ~~Precipitation~~ precipitation can ~~increase~~ cause large ~~the soil~~ moisture content and ~~soil~~ instability ~~of soil~~, which ~~in turn is usually facile to~~ might facilitate induce landslides, ground subsidence, and ground fissures.

~~It is~~ A previous report ~~showed that~~ reported that ~~in~~ during China's Weicheng District, many structures (specifically, 113 residential houses and 80 caves) of ~~the third terrace~~ collapsed in the flood season of 2003, ~~during which when the the precipitation intensity was 427.80 mm and rainfall continued for~~ rain last 76 days ~~with 427.80mm of precipitation, many collapse occurred in the front line of third terrace, especially, 113 houses and 80 caves collapsed in Weicheng District.~~ In addition, ~~the rainfall induced the grind~~ ground subsidence ~~induced by the direct fall of rainfall in flood season occurred 3 times~~ thrice and cracks ~~formation occurred twice, this which~~ resulted in ~~damage to~~ more than 20 houses ~~holds in the village~~ damaged and large economical losses.

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Comment [A1]: Please note my extensive revisions here; in the original text, the relation of geological disasters with groundwater and precipitation was somewhat vague. I have therefore clarified this relation from my understanding, and linked this idea to the geological disaster of floods mentioned earlier to improve logical flow.

Comment [A2]: Please include an appropriate citation here to support this statement. Further, note that I have revised this sentence extensively to improve the order of ideas presented, to make the sentence logically sound. Please ensure that my changes are acceptable.

Comment [A3]: I'm not absolutely certain what you mean by this. Please provide context for clarity.

Comment [A4]: The mention of a "village" seems slightly abrupt here. Consider specifying which village is being referred to for clarity.