عنوان مقاله:
Earthquake and Animal Behaviors

محل انتشار:
دومین کنگره بین المللی زمین شناسی کاربردی (سال: 1394)

تعداد صفحات اصل مقاله: 5

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خلاصه مقاله:
The belief that animals can predict earthquakes has been around for centuries. Earthquake prediction is a branch of the science of seismology concerned with the specification of the time, location, and magnitude of future earthquake within stated confidence limits but with sufficient precision that a warning can be issued. The belief that animals can predict earthquakes has been around for centuries. While many scientists still hold that, given enough resources, prediction might be possible, many others now maintain that earthquake prediction in inherently impossible. Earthquake prediction based on animal behaviours cannot aim to provide fully quantified, time-varying, synoptic forecasts, but still much research still needs to be done on this subject. In this study we considered that there are precursors to a significant earthquake that we have yet to learn about (such as ground tilting, groundwater changes, electrical or magnetic field variations), indeed it's possible that some animals could sense these signals and connect the perception with an impending earthquake.

کلمات کلیدی:
Earthquake Prediction, Precursor, Animal Behavior

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