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Special Session "The January 2010 Earthquakes in Haiti and Offshore Northern California: Origins, Impacts and Lessons Learned"

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ARE AFTERSHOCKS SIGNS OF INDUCED EARTHQUAKES AND BAD GLOBAL ECOLOGY?

Haiti and Northern California coast earthquakes nature and relationship were studied. Analysis of the microseisms behavior would allow answering these questions with a high probability, but we were basing on “external” parameters that distinguish for us the natural and artificial events.

The latter include those, which occur in aseismic and low-seismic areas, or with obvious mismatch between their energy and the depth of occurrence: if the process induced, then discharge of the energy accumulated in the medium much more complete, with the occurrence of the high-energy events, which are not intrinsic for this region. The other signs are disruptions in the recurrences of the events, which accelerate the rhythms of natural processes.

The uncontrolled industrial or military activities are their trigger and intensifier. Strong events are also accompanied by intensive aftershock activity, which results in a large number of the high-energy events; to each of them the above-mentioned signs could be applied.

However, in this work preparation processes the quite unexpectedly amazing and now the obvious conclusion that the existence of aftershocks is the most indisputable sign of an artificial event and bad global ecology was appeared! Our assumptions, which completely change the existing conceptions on aftershocks origin, have been checked for catastrophic events of the 20th century, and confirmed!

Until 1945 there were practically no aftershocks, after that the events were accompanied by a small amount of them, and after 1960, when underground nuclear explosions were initiated, the quantity of aftershocks increased immeasurably, reaching up to several tens and even hundreds!

We consider the nature of some earthquakes in Azerbaijan, China, Indonesia, etc. And on the coast of Northern California and Puerto-Rico and their possible trigger role in the earthquake disaster in Haiti.