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## Tidal triggering of seismic swarms off the Izu Peninsula, Japan

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Correlation between the stress perturbation due to the tidal loading and the occurence of seismic swarms off the Izu Peninsula, Japan, was analyzed. The result shows that the correlation is high at the beginning stage of the swarms, while the correlation is low at the latter part of the swarms. It implies that the stress level is near critical at the first part of the swarm, while the stress level is far lower than the rupture strength at the latter part of the swarm because the stress is released because of the earthquakes occured in the beginning part of the swarms.