

Observation of the Static Electric Field and Ionosphere Perturbative associated with the Earthquakes

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Seismic static electric field and localized ionosphere perturbation could be observed through the observation the corona current and scattered FM radio wave by multi point measurements. The system of corona current is quite useful to cancel many kinds of noises such as cloud,rainfall,lightning and thunderstorm,because it is for the prediction of only close-lightning .

From the data of corona current(1995-1998),we can obtain two results which were high possibly associated with earthquake.After cancellation of noises,we can know the existence of seismic static electric filed for about a half-day just before main shock.We will report the relationship between stateic electiric field and ionosphere perturbation by these results.