

Recommendation for Earthquake Forecasting System and Organization

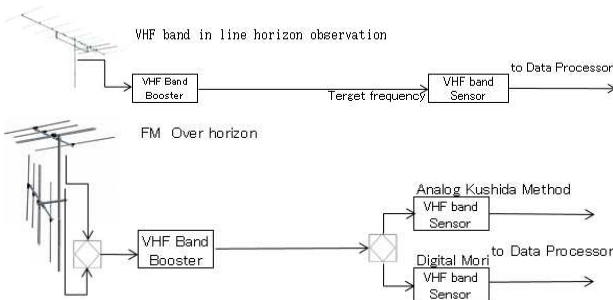
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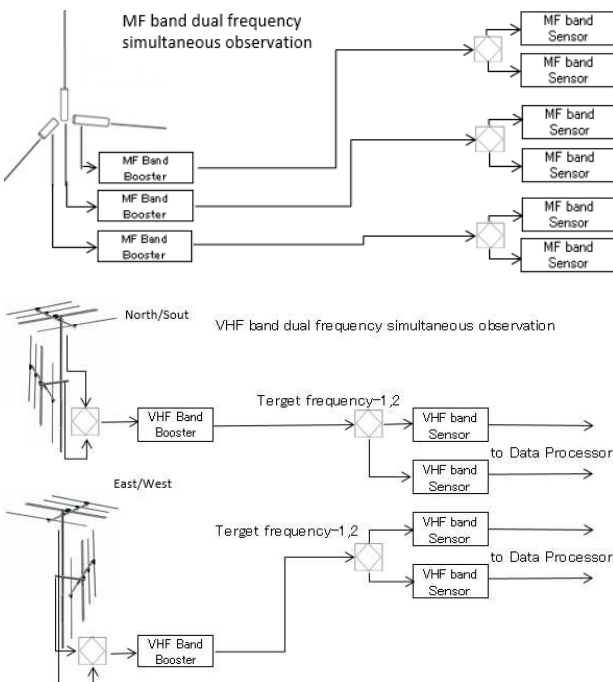
Short term earthquake prediction should be started now as practical disaster prevention information. It is the best for the country to responsibly create earthquake prediction information, however, our and your countries do never try to do so. Therefore, what you can do now is that you observe precursors of earthquake and create earthquake prediction information at your own risk based on your own data and public data such as GPS data from Geospatial Information Authority of Japan (GSI) and earthquake catalog and tidal level deviation data from Japan Meteorological Agency (JMA) in case of Japan. Multiple methods listed in this paper are recommended for your own observation as effective examples.

1. Recommended Observation method and system

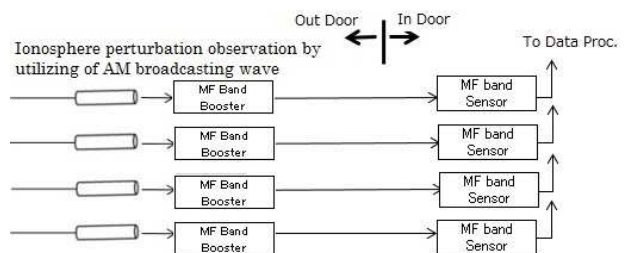
- 1) Tree Bio-electric Potential observation
- 2) Combination observation of VHF band within and over horizon



- 3) LF/MF/VHF/UHF band dual frequency simultaneous observation

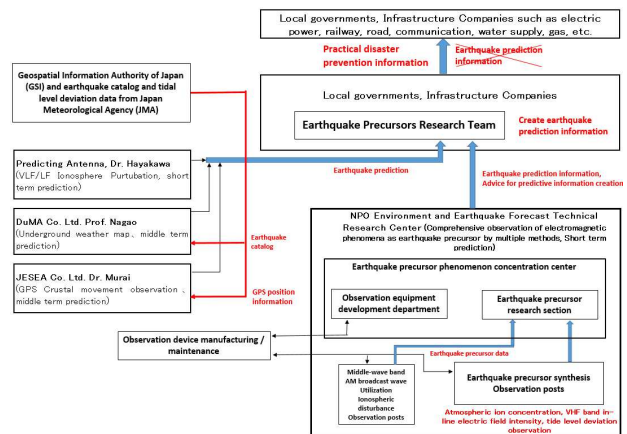


- 4) Ionosphere perturbation observation by utilizing of AM broadcasting wave



- 5) Air ion concentration observation
- 6) Tidal level deviation observation

2. Observation and Prediction organization chart



References:

- Precursors of earthquakes in the line-of-sight propagation on VHF band, K. Motojima
 Anomalous VHF radio wave transmissions as an earthquake precursor observed in the Erimo area, Hokkaido, Japan T. Moriya
 VLF/LF signals method for searching of electromagnetic earthquake precursors M. Hayakawa