

## Development of easy seismometer and fastest observations

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Seismic observation network has been deployed around Japan Islands in recent about 20 years. We need more dense data to reveal precise seismic mechanism and distribution. We developed a simple seismometer which is easy installation. One of the features of this seismometer is ultra-low power consumption. This seismometer keeps continuously working for one year by only 48 dry-cell batteries. Another of the features is easy fixing to the ground. Seismic sensors of the vertical component are insensible levelly and so they can be stick into the ground by bottom spike. They start with no difficult configuration and only same dip-switch. Telemeter observation without field collection becomes possible with SIM card. It could be installed easily, so it became easy to go to many observations with many stations. We introduce this seismometer and some example of use.

Keywords: easy installation, dence seismic observation, ultra-low power consumption