## The Satellite Seismic Telemetry System of Japanese universities

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Japanese universities are using a satellite communication-based telemetry system for both collection and distribution of real-time continuous seismic waveform data in a nation-wide scale. The system has enabled immediate deployment of urgent telemetry observation networks and realized realtime sharing of data among geographically dispersed researchers in Japan.

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We adopted a double-hop system, in which data from over 200 VSAT (very small aperture terminal) stations are once collected by a hub and put together into a single data stream, then distributed (or broadcasted) to the users (or receivers). Waveform data in the system are in the form of time-stamped variable-length packets ("WIN format").

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