

Pacific21 - Japanese contribution to global broadband seismograph network

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PACIFIC21 has integrated the broadband seismograms from three projects which had started in April 1996: (1) Fundamental Research on Earthquake and Earth'S Interior Anomaly (FREESIA), (2) Plume project, and (3) Umi-Hankyu (OceanHemisphere) Network. Under the FREESIA, they will install about 50 STS-1 broadband seismometers in Japanese Islands during next 10 years. Plume project is 5 year project and they will collaborate with IRIS to establish broadband seismograph stations in Southern Pacific Ocean. Umi-Hankyu is the successor of the project POSEIDON. Umi-Hankyu project will maintain broadband seismograph stations that have been installed during project POSEIDON and will upgrade data logging systems and seismometers.