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Abstract

The UNAVCO Boulder Facility on behalf of NASA is collaborating with the Incorporated Research Institutions for Seismology (IRIS) on remote broadband seismic and GPS installations in support of the Global GPS Network (GGN) and the Global Seismographic Network (GSN). Seismic and GPS instruments share VSAT communications, power, facilities, maintenance, and site security at a number of locations around the world. Collaborative sites include Mbarara Uganda, Franceville Gabon, Galapagos Islands, and Easter Island. High quality seismic and GPS data are now flowing to the GGN and GSN data collection centers through these high-speed satellite links. Future opportunities for collaboration include 16 co-located seismic and GPS installations as part of the NSN/GSN component of EarthScope.

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