

# CALIFORNIA INSTITUTE OF TECHNOLOGY

SEISMOLOGICAL LABORATORY 252-21  
Pasadena, California 91125

Monday, November 18, 2002

Dr. Frank Webb  
JPL,  
Oak Grove Drive,  
Pasadena, CA 91109

Dear Frank:

The California Integrated Seismic Network (CISN) includes federal, state, and academic institutions engaged in real-time earthquake monitoring in California. The CISN represents California as a designated region of the Advanced National Seismic System (ANSS), a US Geological Survey program. The core partners in CISN are the California Institute of Technology (Caltech), U S Geological Survey (USGS), California Geological Survey (CGS), UC Berkeley (UCB) and the California Office of Emergency Services (OES). The mission of the CISN is to operate a system for uniform earthquake monitoring and to deliver near real-time standardized information products following both small and large earthquakes.

We support the proposal from JPL and USGS entitled: "GPS Data Products for Solid Earth Science". Adding real-time capabilities to the Southern California Integrated GPS Network (SCIGN) will be very beneficial to earthquake monitoring in southern California. For instance, new products such as coseismic strain maps and displacement maps will be an important future tool for emergency response agencies and major lifeline operators.

We are pleased to work with SCIGN to facilitate the distribution of these new products. The CISN provides emergency managers with the CISN DISPLAY application that allows them to monitor earthquake activity in California near real-time. We are pleased to include links in the CISN DISPLAY that will allow emergency managers to access SCIGN products, such as maps of the crustal deformation field following a major earthquake.

Further, we can assist with creating awareness in the emergency response community for these new products. The outreach component of CISN and the Earthquake Research Affiliates Program at Caltech, hold regular user workshops to keep emergency managers informed about new technologies. We are pleased to include presentations about SCIGN products as part of our workshop agendas.

Sincerely,



Egill Hauksson,

Chair CISN Program Management Group  
Senior Research Associate, Caltech