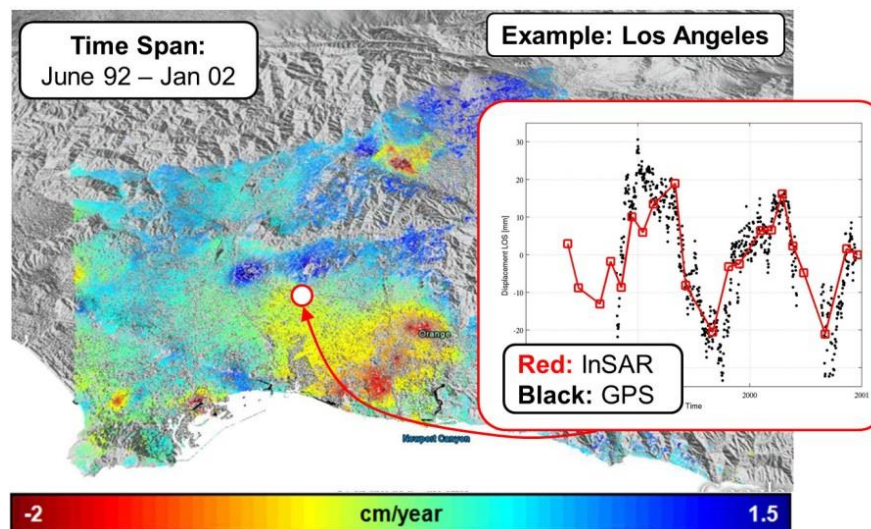


Open PhD Position in Radar Remote Sensing

at the Geophysical Institute of the University of Alaska Fairbanks (UAF) on

InSAR-based Transportation Infrastructure Monitoring

Research Focus and Background: Interferometric SAR (InSAR) techniques offer the possibility to monitor dynamic deformations and instabilities of infrastructure anywhere around the globe. This research project is aimed at testing and improving current InSAR techniques to optimize InSAR-based stability monitoring of transportation infrastructure (roads, bridges) and transportation corridors (landslides, surface deformation).



We are looking for a highly motivated candidate preferably with a background in radar remote sensing and GIS-related topics. Analytical skills and basic experience in programming are preferable. A desire and readiness to work in a multidisciplinary research team is essential.

We are offering a research position embedded in an interdisciplinary and international research team with academic, industry, and governmental partners. The student position will be located in Fairbanks, Alaska and employment will be provided for a period of at least two years. The successful applicant will be able to present their work at international conferences.

Anticipated start time: Spring 2014

Application deadline: October 15, 2013

For more information please contact Dr. Franz Meyer (fimeyer@alaska.edu).

For details on the application process, please consult the department's information on graduate admission at <http://www.uaf.edu/geology/prospective-students/>.