

Interim Progress Report:

(SCEC Project 21160)

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Investigators:

Daniel Roten^{1,2} (PI)

Kim Olsen¹ (co-PI)

Institutional Affiliations:

1. San Diego State University
Dept. Geological Sciences
5500 Campanile Dr, MC 1020
San Diego, CA 92182-1020

2. University of California San Diego
San Diego Supercomputer Center
9500 Gilman Dr, MC 0505
La Jolla, CA 92093-0505

Abstract

Disruptions caused by the Covid-19 pandemic and a change of employer by the PI have caused delays in the project, and the timeline for completion has been moved back by one year. The project was moved from SDSU to UCSD. The PI's appreciate the center's understanding in this matter and for granting a no-cost extension to the project.

Reasons for project delay

At the start time of the project, the PI was still waiting for a work authorization from the United States Citizenship and Immigration Service (USCIS). This delay was caused by the temporary closures and reduced capacity operations of biometrics processing centers due to the Covid-19 pandemic. Although the work authorization was granted in April 2021, the delays have resulted in 6 month of temporary leave from work for the PI and a long backlog in other projects. This backlog rendered the PI unable to carry out the work proposed in SCEC project 21160 for several months. By October 2022 the PI accepted a new position at the San Diego Supercomputer Center (SDSC) and immediately started the process of rerouting the funds to the responsible grant office at the University of California San Diego. This process was carried out with support from the SDSU Research Foundation, UCSD's Department of Contracts and Grants and the Southern California Earthquake Center and completed in mid January 2022. Therefore, there was not enough time to complete the proposed work before the project's initial end date of January 31, 2022, and the PI requested a no-cost extension which was subsequently approved.

Current Project Status

The PI is currently splitting his efforts between other commitments at SDSC and the extended grant and is working towards completing the proposed work by the new project end date of January 31, 2023. The long-standing strength of SDSC in parallel data processing and machine learning are beneficial for the project's proposed goal of improving site response prediction using deep learning.