Peer Review Plan

Date: 6/11/2018

Source Center: U.S. Geological Survey (USGS)
Earthquake Science Center
345 Middlefield Road
Menlo Park, CA 94025

Title: Revised Technical Implementation Plan for the ShakeAlert System: An Earthquake Early Warning System for the West Coast of the United States.

Subject and Purpose: The USGS along with partner organizations has developed an Earthquake Early Warning (EEW) system called ShakeAlert for the highest risk areas of the United States; California, Oregon, and Washington. The purpose of the system is to help reduce the impact of earthquakes and save lives and property by providing alerts to be transmitted to the public via mass notification technologies and more detailed data streams to institutional users and commercial service providers to trigger automated user-specific protective actions. This product describes the implementation plan for the EEW system. Partner organizations on the EEW are the California Institute of Technology, University of California Berkeley, California Geological Survey, California Governor's Office of Emergency Services, University of Washington, and the University of Oregon. The product will be released as USGS series publication.

Impact of Dissemination: This information product is considered by the USGS to be Influential Scientific Information.

Timing of Review (Including Deferrals): June - July 2018.

Manner of Review, Selection of Reviewers, and Nomination Process: Peer reviewers are selected pursuant to Survey Manual chapter 502.3 –Fundamental Science Practices: Peer Review (https://www2.usgs.gov/usgs-manual/500/502-3.html).

Expected Number of Reviewers: Three reviewers are anticipated.

Requisite Expertise: Geophysics, paleoseismology, seismology.

Opportunity for Public Comment: No opportunity for public comment is formally incorporated for this product.

Agency Contact: peer_review_agenda@usgs.gov.