



NSF-SPONSORED GEOTECHNICAL EXTREME EVENTS RECONNAISSANCE
(GEER) ASSOCIATION WEBINAR

TITLE: GEER Reconnaissance of the 22 March 2014 Oso, Washington Landslide

DATE and TIME: 10:30 to 11:30 Pacific Time, Friday November 7, 2014

PRESENTER: Dr. Joseph Wartman

ABSTRACT: The Oso, Washington Landslide occurred on the morning of Saturday, 22 March 2014, and claimed the lives of 43 people, making it the deadliest isolated landslide disaster in United States history. The landslide initiated within an approximately 200-m-high hillslope comprised of unconsolidated glacial and colluvial deposits; it rapidly transitioned to a debris flow/debris avalanche that swiftly inundated a neighborhood of approximately 35 single-family residences. An intense 3-week rainfall that immediately preceded the event is believed to have played a major role in triggering the landslide. The Geotechnical Extreme Events Reconnaissance (GEER) Association scientific research team performed a field reconnaissance of the Oso Landslide shortly after its occurrence. The webinar will focus on observations made and data collected by the GEER team at the landslide site, but additionally will review regional and local geologic conditions, climate setting, eyewitness accounts, and land-use history identified by GEER. Finally, a preliminary hypothesis will be presented to link field observations to landslide initiation, mobilization, and runout behavior.

CONNECTION INFORMATION:

Video from the webinar will be streamed live from a link provided at:
<http://www.geerassociation.org/> (link will be provided shortly before the event airs)

Questions will be taken at the end of the presentation. Send your questions to GEERwebinarquestions@gmail.com and they will be monitored and read by Dr. Scott Anderson to the extent that time allows. Similar questions may be combined.

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