

UAA Professional Development Seminar Series

Analysis of November 30th, 2018 Anchorage Earthquake (Mw 7.0)

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An Mw 7.0 earthquake vigorously shook Anchorage, the largest city in the state of Alaska on November 30th, 2018. The quake was located about 14 km northwest of Anchorage, and at a depth of 41.8 km on the

subducting Pacific plate, underneath the North American plate. The earthquake provided a wealth of recorded motions of engineering interest. Approximately thirty station sensors, deployed at various parts of the Anchorage bowl covering