

About Instructor



Choon Park, Ph.D.

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- ▶ **Founder/Principal Geophysicist, Park Seismic LLC, Shelton, CT, 2006 –**
- ▶ **Research Scientist at Kansas Geological Survey (KGS), University of Kansas (KU), Lawrence, KS, 1995 – 2006.**
- ▶ **Ph.D. in Geology/Geophysics, University of Kansas (KU), 1995.**
- ▶ **M.S. in Geology/Geophysics, Ohio University (OU), Athens, OH, 1988.**
- ▶ **B.A. in Physics Education, Seoul National University (SNU), Seoul, South Korea, 1983.**

Dr. Park is the first author of two seismic methods for near-surface geotechnical investigation: the multichannel analysis of surface waves ([MASW](#)) (Park et al., 1999) and the swept impact seismic technique ([SIST](#)) (Park et al., 1996), both of which were published in GEOPHYSICS.

Dr. Park received his Ph.D. from the University of Kansas (KU)(1995) with development of the SIST that delivers a few hundred seismic impacts in a coded mode to increase the resolution of high-frequency reflection imaging. In parallel, Dr. Park also started surface-wave research in the early 90s as the other (low-frequency) end of near-surface seismic applications, which later was published as the multichannel analysis of surface waves (MASW) method. He conducted the MASW-related research during his post-doctoral fellowship at Kansas Geological Survey (KGS), a research institute based at KU. He worked as a research scientist at the KGS until 2006, publishing more than one hundred papers, mostly related to the MASW method. Since then, he has been facilitating the method's adoption among relevant engineering communities by applying it in diverse geotechnical projects. Over the past two decades, Dr. Park has taught MASW training courses at more than twenty geophysical and geotechnical conferences.

He is the author of the [ParkSEIS](#) software for MASW analysis. He is also author/co-author of other near-surface seismic data-processing software packages developed at the KGS (SurfSeis, WinSeis, and Eavesdropper).

[Dr. Park's Full Publication List \(as of February 2015\)](#)