

BIO

Dr. Choon Park

Founder & Principal Geophysicist

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Dr. Choon Park is lead author of the MASW technique published in [GEOPHYSICS](#) in 1999 while he was working at the Kansas Geological Survey (KGS) (1988-2006). Since then, he published more than one hundred papers on MASW and related techniques. Dr. Park founded Park Seismic LLC in 2007 to provide services and Research and Development (R&D) in MASW method where he is currently working as the principal geophysicist. Since 2007, he has been engaging in about one hundred different MASW projects. Recently, he has been promoting the method among relevant engineering communities by applying it in diverse geotechnical projects, including wind-turbine site surveys, soil/bedrock characterization, anomaly detection, seismic site classification, compaction evaluation, etc. Over the last two decades, Dr. Park has taught MASW training courses at more than twenty geophysical and geotechnical conferences.

Dr. Park received his Ph.D. from the University of Kansas (KU)(1995) with development of the swept impact seismic technique (SIST) ([GEOPHYSICS](#), 1996) that delivers a few hundred seismic impacts in a coded mode to increase the resolution of high-frequency reflection imaging. In parallel to this, Dr. Park also started surface-wave research in the early 90s as the other low-frequency end of near-surface seismic applications, which later evolved into the multichannel analysis of surface waves (MASW) method. After graduation from KU, he continued his career as a scientist at the Kansas Geological Survey (KGS), a research institute based at KU. 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 received his master's (MS) degree from Ohio University(1988) with research in the migration of shallow high-frequency reflection data. He graduated from Seoul National University (1983) in Seoul, South Korea, with a BS in physics and science education.

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