

MASW & SeisMike Training **(Geotechnical and NDT Applications)**

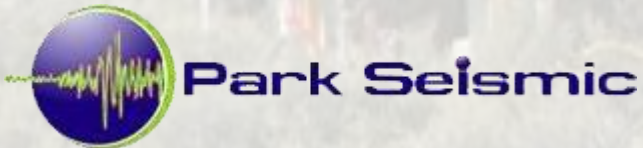
November 3-4 (Tue-Wed), 2026

[Seismic Source Company](#)

Ponca City, OK

Presented by

- Park Seismic LLC
- Seismic Source Company
- Olson Instruments / Olson Engineering
- RTClark Companies



Multichannel Analysis of Surface Waves

MASW Training – Schedule

DAY 1 (Tuesday, November 3)

Time	Topic	Instructor*
8:45 – 9:00 am	Check-in	Jin Park ¹
9:00 – 9:15 am	Opening and Administration	Jin Park
9:15 – 9:30 am	Overview of Training Schedule	Choon Park ¹
9:30 – 10:15 am	Seismic Source Company: From Vibroseis to SeisMike	John Giles ²
10:15 – 10:30 am	Break	
10:30 – 11:15 am	MASW – Fundamentals	Choon Park
11:15 – 12:00 pm	MASW – Field Logistics and Data Analysis	Choon Park
12:00 – 1:00 pm	Lunch	
1:00 – 2:00 pm	Seismograph Operation – DAQlink5 and VScope	Paul Martin ²
2:00 – 2:30 pm	RTClark's Solutions for Modern MASW Surveys	Tiffany Clark ³
2:30 – 2:45 pm	Outdoor Survey Briefing	Choon Park
2:45 – 3:00 pm	Break	
3:00 – 5:00 pm	Outdoor Survey & Demonstration: Deployment & QA/QC; 1D Vs30; 2D Land Streamer & FAST	All Instructors

DAY 2 (Wednesday, November 4)

Time	Topic	Instructor*
8:45 – 9:00 am	Check-in	Jin Park
9:00 – 9:30 am	SeisMike (Seismic Survey Using Microphones) – Fundamentals	Choon Park
9:30 – 10:15 am	Seismic NDT – Conventional Approaches and Case Studies (Part I)	Larry Olson ⁴
10:15 – 10:30 am	Break	
10:30 – 11:15 am	Seismic NDT – Conventional Approaches and Case Studies (Part II)	Larry Olson
11:15 – 12:00 pm	SeisMike-24 System – Hardware and Software	Paul Martin
12:00 – 1:00 pm	Lunch	
1:00 – 2:30 pm	SeisMike-24 Surveys – Concrete and HMA Pavements	Paul Martin
2:30 – 3:15 pm	Geotechnical MASW Data Analysis Tutorial – Part I	Choon Park
3:15 – 3:30 pm	Break	
3:30 – 4:15 pm	Geotechnical MASW Data Analysis Tutorial – Part II	Choon Park
4:15 – 4:45 pm	Special Approaches in Geotechnical MASW	Choon Park
4:45 – 5:00 pm	Discussion, Q&A, and Closing	All Instructors

¹Park Seismic LLC, ²Seismic Source Company, ³RTClark Companies, ⁴Olson Instruments / Olson Engineering

Meet the Instructors

Dr. Choon Park
Founder & Principal Geophysicist
Park Seismic LLC

Dr. Choon Park is the founder and Principal Geophysicist of Park Seismic LLC and the developer of the Multichannel Analysis of Surface Waves (MASW) method. Since introducing MASW in 1999, he has authored more than 100 technical publications and developed the ParkSEIS software, now widely used for near-surface seismic investigations around the world. His current work focuses on advancing seismic technologies for both geotechnical and infrastructure applications, including the SeisMike system for nondestructive pavement evaluation. Dr. Park has taught MASW courses internationally and has provided training and consulting to government agencies, universities, and engineering firms worldwide.



Jin Park
Operations & Education Manager
Park Seismic LLC

Jin Park serves as Operations & Education Manager at Park Seismic LLC, where she coordinates the company's training programs, customer support, and day-to-day operations. She works closely with clients before, during, and after training to ensure a productive learning experience while supporting software licensing, project coordination, and administrative services. Jin also helps organize domestic and international MASW workshops and educational programs, providing an important link between technical development and customer success. Her dedication to education and customer service has helped expand Park Seismic's global training activities.



Meet the Instructors

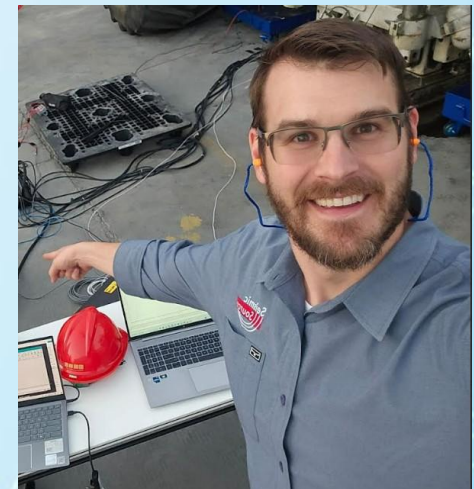
John Giles **President** **Seismic Source Company**

John Giles is the President and co-founder of Seismic Source Company. With more than 45 years of experience in the seismic industry, he has been a leader in the development of seismic acquisition systems, field instrumentation, and innovative survey technologies for geotechnical, environmental, infrastructure, and energy applications. His expertise spans engineering, geophysics, product development, and field operations. Under his leadership, Seismic Source Company has introduced numerous advanced seismic acquisition systems and source technologies that are used worldwide, helping bring practical and reliable solutions to the global geophysical community.



Paul Martin **Manager of New Product Development** **Seismic Source Company**

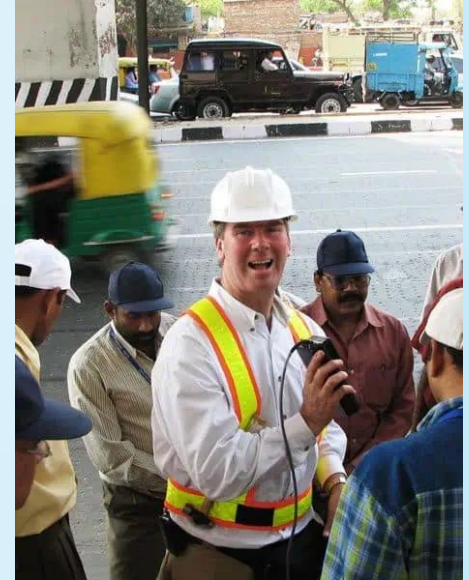
Paul Martin is the Manager of New Product Development at Seismic Source Company. With more than two decades of experience in seismic instrumentation and field operations, he specializes in seismic acquisition systems, embedded electronics, GNSS integration, telemetry, and advanced field technologies. He has played a leading role in developing innovative seismic systems for geotechnical, environmental, infrastructure, and energy applications. **As the lead engineer for the SeisMike system, he has been instrumental in its development, field validation, and commercialization.** His practical engineering experience bridges product development and field implementation, helping deliver reliable technologies for modern geophysical investigations.



Meet the Instructors

Larry D. Olson, P.E., M.S.
President & Chief Engineer
Olson Engineering, Inc.
Founder, Olson Instruments, Inc.

Larry D. Olson is President and Chief Engineer of Olson Engineering and founder of Olson Instruments. With more than four decades of experience, he is internationally recognized as a pioneer in nondestructive evaluation (NDE), structural health monitoring, geotechnical engineering, pavement engineering, and applied geophysics. Mr. Olson has directed thousands of engineering projects involving bridges, buildings, pavements, dams, tunnels, and other critical infrastructure. He has led the development of numerous innovative NDE and geophysical instruments that are used worldwide and has presented technical courses and seminars throughout his career.



Tiffany Clark
Chief Executive Officer
R.T. Clark Companies

Tiffany Clark is the Chief Executive Officer of R.T. Clark Companies, a leading supplier of geophysical, geotechnical, and environmental instrumentation. She oversees the company's operations, strategic planning, and customer support while continuing its long-standing commitment to providing high-quality equipment and technical solutions to the near-surface geophysics community. She works closely with manufacturers, researchers, and engineering professionals to introduce innovative technologies that improve field investigations and engineering practice.

