On-Site MASW Training Course @ UTS*

Monday, September 30th, 2024, University of Technology Sydney, Sydney, Australia

Checking In[1] (8:00 am - 8:30 am)

FUNDAMENTALS (8:30 am - 12:00 pm)

1. **What is MASW?** ..... 8:30 am - 9:30 am
2. **Field Operation and Equipment** ..... 9:30 am - 10:30 am

Coffee Break (10:30 am - 10:45 am)

3. **Data Analysis** ..... 10:45 am - 11:15 am
4. **Special Approaches[a] – Overview**..... 11:15 am - 12:00 pm

[a]Passive, Pavement, Back-Scattering Analysis, Common-Offset Section, etc.

Lunch[2] (12:00 pm - 1:00 pm)

ADVANCED (1:00 pm - 5:30 pm)

5. **Case Studies – Part I** ..... 1:00 pm - 2:00 pm
6. **MASW Data Analysis Tutorial** – Part I** ..... 2:00 pm - 3:00 pm

Coffee Break (3:00 pm - 3:15 pm)

7. **Case Studies – Part II** ..... 3:15 pm - 4:00 pm
8. **MASW Data Analysis Tutorial*** – Part II** ..... 4:00 pm – 5:00 pm
9. **Discussions and Closing** ..... 5:00 pm - 5:30 pm

[1]All lecture presentation slides are provided in power-point files (.pptx) copied in a USB.* ***Each participant is encouraged to bring its own PC laptop without corporate security settings, which may interfere with the ParkSEIS software installation****. [2]Business-meeting style lunch served on site*
***By using the ParkSEIS software and numerical (modeling) data sets copied in the USB, and ***by using real field data sets copied in the USB.*

About Instructor (Online Bio)

Choon Park, Ph.D.
Founder & CEO / Principal Geophysicist
Park Seismic LLC
Shelton, Connecticut

- **Founder & CEO/Principal Geophysicist, Park Seismic LLC, Shelton, CT, 2007 –**
- **Research Scientist at Kansas Geological Survey (KGS), University of Kansas (KU), 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. Choon Park is lead author of the MASW technique published in GEOPHYSICS in 1999 while he was working at the Kansas Geological Survey (KGS). Dr. Park founded Park Seismic LLC in 2007 where he is currently working as the principal geophysicist. He is the author of the ParkSEIS software for MASW analysis. Over the last two decades, Dr. Park has taught MASW training courses at more than thirty geophysical and geotechnical conferences. Dr. Park received his Ph.D. from the University of Kansas (KU) and his master's (MS) degree from Ohio University. Dr. Park graduated from Seoul National University with a bachelor's degree in Physics education.