



## MASW Training Course\*

8 am - 5 pm, Room 147, [CMC Building](#), University of South Florida (USF), Tampa, FL

### SCHEDULE

#### Part I – Fundamentals (8:00 am - 12:00 pm)

- **What is MASW? - Theory, Procedure, Applications** ..... 8:00 am - 9:00 am
  - **Field Operation and Equipment** ..... 9:00 am - 9:45 am
  - **Data Analysis** ..... 9:45 am - 10:30 am
- Break (10:30 am - 10:40 am)*
- **Special Approaches - Passive, Pavement, Back Scattering, etc.....** 10:40 am - 11:30 am
  - **Recent Developments and Limitations** ..... 11:30 am - 12:00 pm

*Lunch - Cafeteria (12:00 pm - 1:00 pm)*

#### Part II – Plus (1:00 pm - 5:00 pm)

- **On-Site Demonstration of Equipment and Data Acquisition\*\*** ..... 1:00 pm - 2:00 pm
  - **MASW Data-Analysis Tutorial\*\*\* – 1D S-Velocity Profile** ..... 2:00 pm - 3:30 pm
- Break (3:30 pm - 3:40 pm)*
- **MASW Data-Analysis Tutorial\*\*\* – 2D S-Velocity Cross Section** ..... 3:40 pm - 4:30 pm
  - **Advanced Topics (Dispersion, Inversion, Modeling, etc.)** ..... 4:30 pm - 5:00 pm

\* *Presentation file (\*.pptx) and printed course notes will be provided at the site.*

\*\* *At a sinkhole site in GeoPark arranged and executed by [GeoView Inc.](#)*

\*\*\* *By using the ParkSEIS (v. 3.0) software with a temporary license provided to each participant.*