

VAS FALL SEMINAR

**Location: Marriott Newport News City Center
740 Town Center Drive
Newport News, VA 23606**

Friday, September 19, 2014 - 8:00 a.m. to 5:00 pm
Hosted by the Peninsula Chapter

“Sea Level Rise and Subsidence”

Sea level rise is not a problem in the distant future. Coastal communities are already feeling the impacts. The situation is further compounded in Virginia by the effects of land subsidence. This seminar is designed to present the science behind these phenomena, understand how it is being studied, efforts to mitigate the impacts and how it effects our profession.

- 8:00 – 10:00 NOAA Sentinel Site Program
Galen A. Scott
NOAA/NGS
Geosciences Research Division
Ecosystems and Climate Operations Team
- 10:15 – 12:00 Subsidence – Understanding the Errors associated with Orthometric Heights and Strategies to detect and deal with Crustal Movement
Alan R. Dragoo, PLS
Survey Department Manager
Maser Consulting P.A.
- 12:00 – 1:00 Lunch
- 1:00 – 2:45 Using Continuous GPS Observations to Observe Land Subsidence
Dr. Hans-Peter Plag
Director
Mitigation and Adaptation Research Institute
Old Dominion University
- 2:45 – 3:00 Coffee Break
- 3:00 – 5:00 NFIP & Mitigation Program Activities related to Coastal Resilience and Climate Adaptation from the Surveyor’s Perspective
- Region III Coastal Mapping Initiative - Robin Danforth
 - Assessing Risk – Cynthia McCoy
 - Building Coastal Resilience and Mitigation Planning – Alison Kearns
 - Sea Level Rise and Impact Across FEMA Mitigation Programs – Jon Janowicz and Robin Danforth