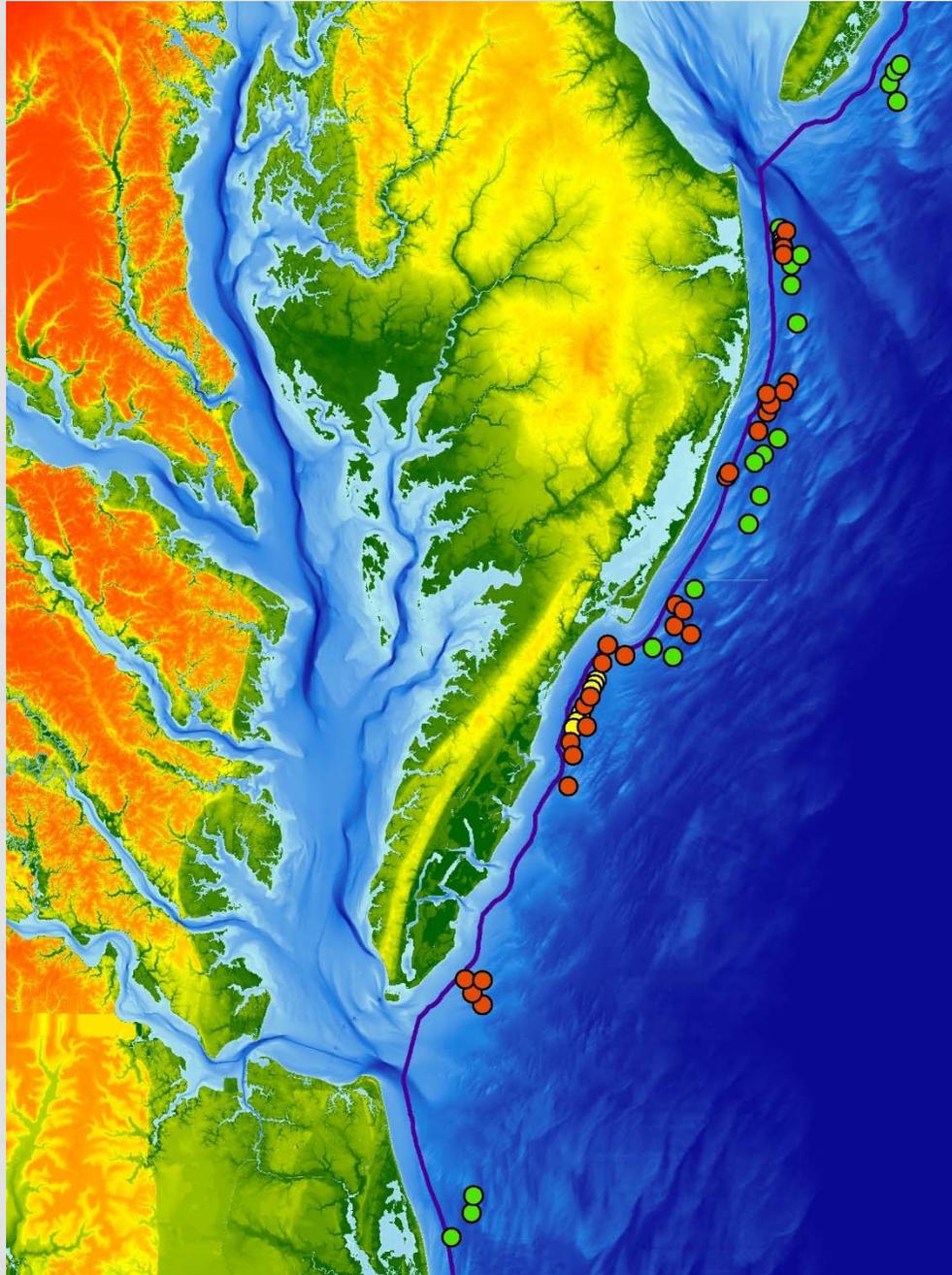


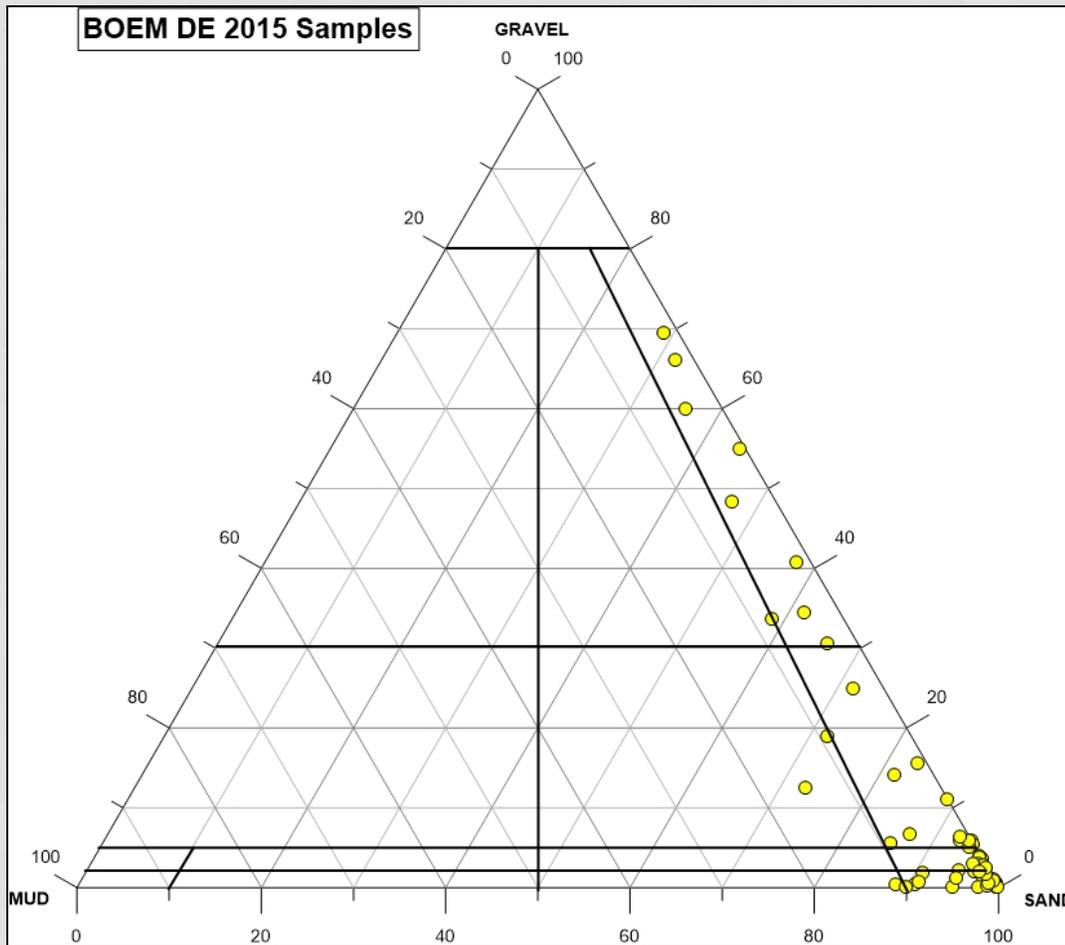


# ASAP PROGRAM: RESOURCE ASSESSMENT ACCOMPLISHMENTS

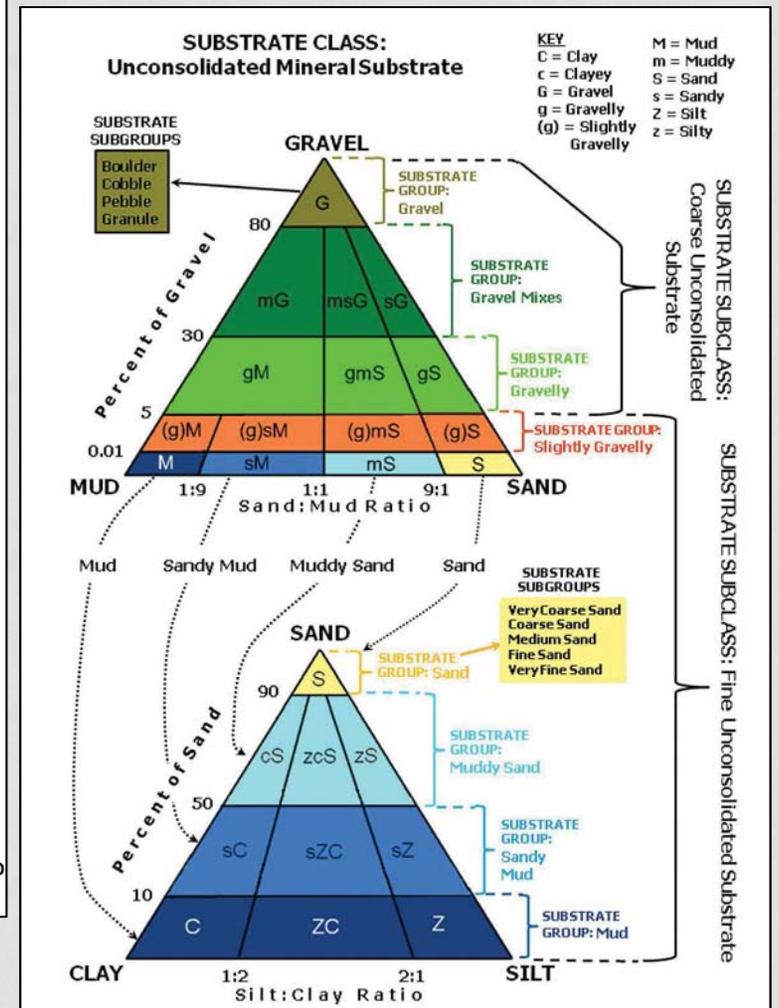
(BOEM MID-ATLANTIC ATLANTIC SAND  
ASSESSMENT PROJECT  
(ASAP) CORE ANALYSIS AND  
CHARACTERIZATION)



Mid-Atlantic  
BOEM ASAP  
2015/2017  
Core  
Locations



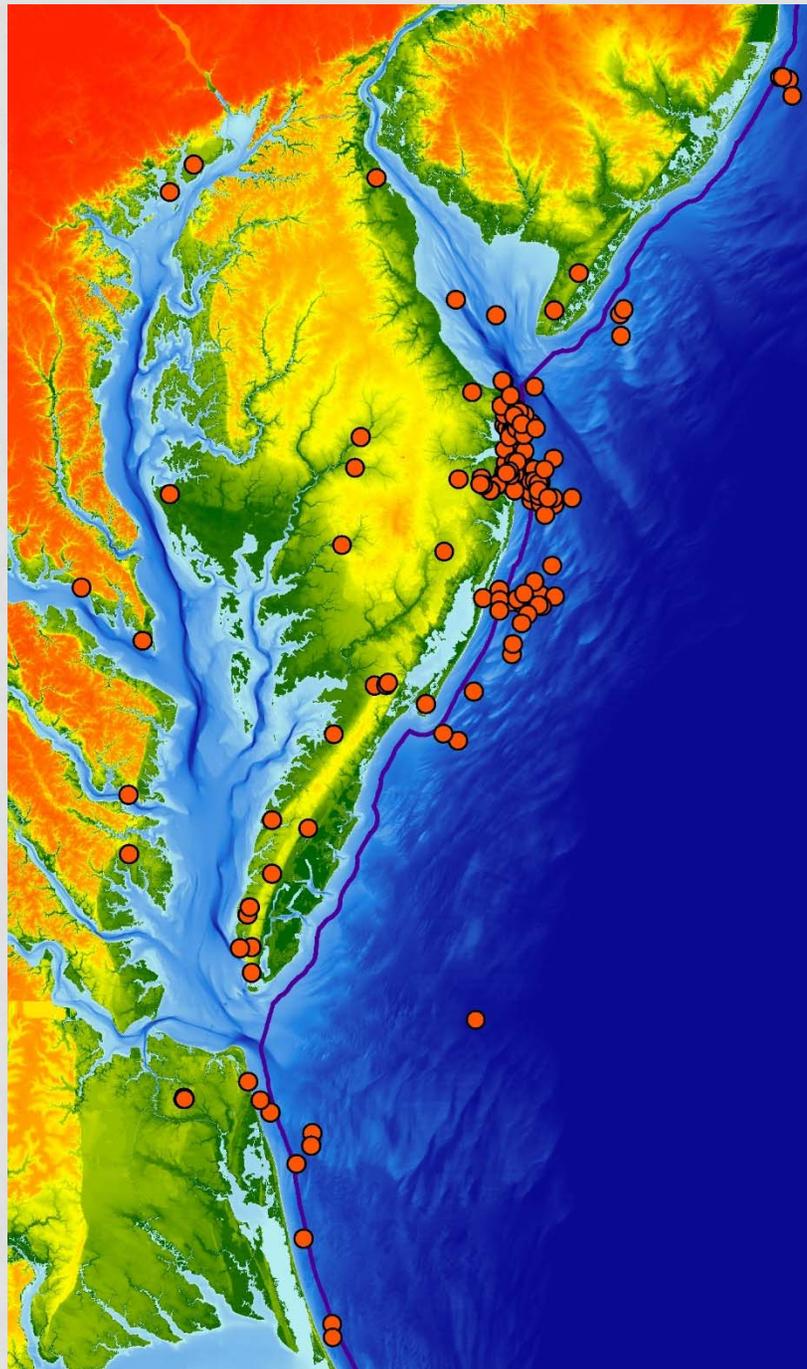
DE BOEM ASAP Cores Texture



CMECS Texture Classifications



- Molluscan community low in diversity- dominated by *Mulinia* and *Spisula*
  - Most common genera *Mulinia*, *Spisula*, *Macoma*, and *Crepidula*
  - Rare genera *Mercenaria*, *Crassostrea*, *Corbula*, *Anomia*, and *Aequipecten*
  - Community structure linked to latitude and water depth
  - Few taxa (*Ensis*, *Crepidula*) show preference for specific substrate
- From Thompson, Lockwood, and Ramsey, 2017- Seattle GSA Presentation



## AAR Localities

### Analyses at Northern Arizona Univ. Lab

- 151 localities
- 733 analyses
- 603 analyses funded by BOEM coops





## Project Highlights

- Expanded sand resource exploration in Federal waters offshore Delmarva Peninsula
- Provided data for compiling a regional offshore stratigraphic framework related to sand resources
- Initial study on heavy minerals for resource potential offshore Delmarva (provenance and mineralogy)
- First regional study of molluscan biota and the relationship between substrate texture and mollusks
  - Potential to use for environmental impact studies (EIS) beyond normal bottom grab samples
  - Potential for mapping distribution of biota
- Demonstrated utility of running AAR analyses of mollusks before RC analyses
- Involved 11 students in offshore resource evaluation studies
- Partnerships between States are beneficial and productive
- Complemented other BOEM, ACOE, and USGS projects