



Chesapeake Bay Program's (CBP)
Scientific and Technical Advisory Committee (STAC)
Workshop

**Assessing the Water Quality, Habitat, and Social Benefits of Green Riprap
September 15th, 2021**

[Register for Zoom Meeting](#)

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****Exact Times Are Subject to Change****

- 9:00 am Introduction**
- Welcome, expertise in the room; purpose of the workshop
 - Objectives of the workshop – *Rich Mason (FWS), Leah Franzluebbbers (FWS)*
 - Define Green Riprap vs. Living Shoreline
- 9:30 pm Virtual Field trip to Green Riprap Sites – *Severn Media***
- 9:45 am Ecological, Social, and Bioengineering Aspects of Green Riprap and Natural Shorelines**
- 9:45 am Ecological –**
- Restoring and preserving the shoreline ecotone– *Donna Bilkovic (VIMS)*
 - Above the rock: options for landscaping or naturalization – *Doug DeBerry (William & Mary)*
 - Managing phragmites – *Dennis Whigham (SERC), Kirk Havens (VIMS)*
- 10:45 am 15-minute Break**
- 11:00 am Bioengineering –**
- Structural, “how to”:
 - Case studies and techniques – *Rich Mason (FWS), Leah Franzluebbbers (FWS)*
 - Gibson Island – *Sepehr Baharlou (Bayland Engineering)*
 - Nurseries – *Tom Wheeler (Providence Center)*
- 11:45 am Social –**
- Site selection – *Rich Mason (FWS), Leah Franzluebbbers (FWS)*
 - Retrofitting existing Riprap structures
 - Best options to incorporate
 - Shoreline modification decision making - *Amanda Guthrie (VIMS)*
 - Marketing to homeowners – *Jennifer Tabanico (Action Research) and Lori Large (Action Research)*
- 12:45 pm Lunch**
- 1:45 pm Breakout Discussions: How can we get more of these pilot projects going?**
- What do we still need to know about these research techniques? Rank based on priority
 - Any barriers to implementation?
 - What actions and/or incentives could be put into place to encourage the use of these projects?
- 2:15 pm Reconvene and Report-out**
- 2:45 pm Whole Group Discussion**
- 3:15 pm Adjourn**