Spring Meeting

- STAC-MAC Workshop Re-Cap
  - Monitoring Priorities
  - Monitoring Coordination
  - Annual Meeting
- Restoration Project Registries
- 2015 Summit Planning
  - Sessions, Moderators
- Oyster Aquaculture
  - History and Current Impediments
  - Possible Scientific Brief
- Measureable Goals
- Elections
Elections Results

- Four Incumbents Re-elected:
  - Dave Bushek (Rutgers)
  - Willy Eldridge (Stroud)
  - Jerry Kaufmann (UDel)
  - Desmond Kahn (DNREC retired)

- Four New Members:
  - Laura Craig (American Rivers)
  - Alison Rogerson (DNREC)
  - Pete Rowe (NJ Sea Grant)
  - Heather Jenson (ACOE)

- STAC now back to full 21 members

Next Meeting with EIC on Sept. 11
Wetlands

Rapid Assessments
  o condition assessed at 45 sites

Long-Term Stations
  o Installed new Broadkill Station
  o Assessed all 30 locations

Marsh Futures
  o Developed and tested new methods
  o Completed fieldwork at Money Island, Fortescue, and Maurice marsh sites
Science Team Activities – Summer 2014

Living Shorelines

Money Island, NJ
  - bio-based, installed April-July, with TNC

Lewes, DE
  - bio-based, installed April-July, with DNREC

Indian River Inlet, DE
  - bio-based on sand over rip rap, installed April-July, with DNREC

Mispillion River, DE
  - hybrid, oyster breakwater plus bio-based, installed June-August
Science Team Activities – Summer 2014

Living Shorelines

All Projects on Schedule

Early Performance Looks Good

Additional Plantings, Augmentation Expected, Working on Shell Problems

Also Augmented our 2010 Site on Maurice River (Matt’s Landing)

Good Press Coverage

Oysters part of new Living Shoreline
Along the Mispillion River, scientists are trying to save an eroding shoreline and hope native oysters will help
DELAWAREONLINE.COM
Freshwater Mussels

Surveys in Delaware
  - New Castle and Kent Counties

Quantitative Surveys in Del. River
  - Philly to PA/DE state line
  - 3 sites intensively surveyed
  - Important discoveries at Philly airport, tidal Schuylkill

Electrotagged Reintroductions
  - 450 mussels; 4 streams in PA, 2 in DE; 14 locations
  - Resurveyed earlier transplants (since 2011) at 15 sites in DE and PA streams
  - Positive recovery and growth seen at most locations
Science Team Activities – Summer 2014

2015 Science & Environmental Summit (January 25-28 2014)

“Balancing Progress & Protection – 10 Years of Science in Action”
January 25 – 28, 2015
Cape May, New Jersey

120 Abstracts

12 Sessions

300+ Attendees

Moderator packages going out next week
Additional Projects

Josh Moody PhD Research
  o nutrient removal by ribbed mussels

Kurt Cheng M.S. Research
  o Water quality impact of Asian clams
  o Pathogen removal benefits

EPA R3 Nutrient Study Ship Support