

Building Resilient Waters Through Bivalve Restoration: Honoring Dr. Danielle Kreeger

Dr. Danielle Kreeger inspired a generation of scientists to view bivalves as foundational components of healthy aquatic ecosystems. This session invites presentations on restoration science, habitat stability, ecological function, ecosystem services, and the application of bivalves as nature-based solutions across diverse aquatic environments.

Scope of potential presentations (topics):

- Bivalve restoration ecology
- Ecosystem engineering
- Habitat stabilization and enhancement
- Water quality improvement
- Quantifying biofiltration and pollutant removal in bivalves
- Biodiversity and food-web interactions
- Living shorelines
- Blue infrastructure
- Nature-based solutions
- Ecological economics and ecosystem service valuation
- Restoration monitoring and adaptive management
- Climate resilience and vulnerability of bivalve communities