What Makes People and Sectors Adopt Living Shorelines?

Living Shorelines Tech Transfer Workshop
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Five Areas of Focus for Transportation:

• Need
• Incentives
• Tools
• Partnerships
• Demonstration
NCDOT Department of Transportation

- Multi-Modal Department of Transportation
- 80,000 Miles of Highway
- 10,400 Waterway Bridges
- 3% of Highway System is under an elevation of 10 feet.
- 590 miles of Roadway is within 100 feet of coastline.
Need

- Extreme Events are on the increase.
- Sea Level Rise.
- Nuisance /Sunny Day Flooding
- Risk Assessment/Stress Testing
Incentives

- Directive – State and Federal
  - Executive Order 80
  - NPDES Permit
  - Resilience Planning
- Philosophy – One Water
Tools

- Site Selection and Prioritization
- Training – Peer Exchange
- Guidelines
- Design Methods
- Permit Coordination
- Financing Options
Partnerships

• Attrition, loss of staff and design have reduced partnership with resource agencies and project partners.

• Building relationships internally and with Communities, University System, Resource Agencies, FHWA, Non-Profit Groups is critical.
Demonstration

- NCDOT Retrofit Program
- Shovel Ready Projects
- Triple Bottom Line
- Resilience – Minimize Disruptions
Thank You!

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