Promoting Living Shorelines: Recognizing Barriers and Identifying Solutions

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Barrier: Fear of the Unknown:

• What does it Look Like?

• How Long Will It Last?
Solution:

Build Demonstration Projects on Public And Private Property

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Solution: Build Demonstration Projects

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Solution:

Point Out The Longevity Of Public Projects

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Barrier: Lack of a VA Living Shoreline Requirement: (State Preference Only)
Solution: Fairfax leads the way in VA

“Living Shorelines”: Among all the options, applicants must consider a design that maintains or creates a living shoreline, as an approach for shoreline stabilization, and demonstrate to the Board why a living shoreline approach would not achieve your goals. Properly sited and designed living shorelines will be preferentially permitted over hardened shoreline approaches.

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Barrier: Local Wetlands Board Level of Comfort in Approving LS Projects

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Solution: Follow up Presentations to WBs Showing Successes

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Barrier: Living Shoreline Projects Are Uncommon
Solution: Engage NGOs and Citizens to Build LS Projects In All Communities
Barrier: Few Experienced Project Designers
Solution: Train NGOs & College Students

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Barrier:  Relatively Few Experienced Contractors
Solution: Spend Time in the Field to Assist Contractors and Troubleshoot

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Barrier: Living Shorelines are Unpopular:

Who’s Going to Pay Me to Do What I Don’t Want to Do?
Solution: Investigate TMDL and FEMA CRS Credits or Other Creative Incentives for Landowners

General Permit – Not Yet Completed in VA
Barrier: Living Shorelines, And In Particular Vegetative Wetlands, Are Not Perceived Like Other Types of Landscapes Worthy of Enhancement and Beautification
Solution: Citizen Education

Native Plants for Wetland Restoration and Enhancement

Native Plants For Wetland Restoration And Enhancement: A Source Guide

Vegetated Wetland - Zone Key

- Intertidal Marsh
- High Marsh
- Brackish Marsh

Common Name

Reed Mallow — *Kosteletzkya virginiana*

- Large showy blooms. Plant more for aesthetics than wildlife benefits.
- Survives well in upland
- Sources: 1, 4, 6, 10
- 2-4' tall
- Full sun, Jul-Aug
- 0-10 ppt, plant above mean high water in irregularly flooded areas.

This guide was prepared by Norfolk’s Bureau of Environmental Services to provide citizens with information that could be used for wetland restoration or to enhance existing wetlands with native wetland plants to add beauty and plant diversity.

Updated 8/21/06
Barrier: Common Sense of Purpose + Better Coordination Within the Regulatory Community

Solution: More Mixers?
How are LS promoted in Norfolk VA

1. Staff Analysis at Local Wetland Board Permit Hearings
2. Free Wetland Education Workshops
3. Community LS Projects
4. LS Project Signage & Social Media Video
5. CBF VOICES Classes
6. SWS Presentations
7. VAWP Workshops and Presentations
8. ASWM Presentations and Webinars
9. Local Master Gardener and Landscaper Training