Artful Rainwater Design: Why, How, and What Next

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Learning Objectives

• Learn the basic intentions and parameters of the Artful Rainwater Design approach to stormwater management

• Learn ARD principles and axioms, based on 10 years of research on Artful Rainwater Design

• Be inspired by learning how other designers have creatively enhanced their clients' projects using ARD

• Learn about the barriers and challenges that need to be addressed for ARD to become a typical approach to stormwater management
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Introduction

- Principles that lead to the ARD approach
- What ARD addresses/doesn’t address
- What’s to be gained by adding amenity to stormwater management?
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Foundation

- Considerations that precede ARD:
  - Site Design begins with Stormwater Management
  - Stormwater Management begins with Site Design
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ARD Axioms

• Always slow it down, spread it out, soak it in
• Combine different management systems
• Build distributed, redundant systems
• Use landscape, not pipes, wherever possible
• Get your feet wet with small, nonthreatening, reversible interventions
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ARD Big Ideas

- Put the landscape to work
- Make the landscape overtly celebrate rain
- It can’t be just a working dog or a show dog
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Big Challenges/Next Steps

• Maintenance

• Acceptance

• Conflicting Values
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Additional Resources

artfulrainwaterdesign.psu.edu

Artful Rainwater Design: Creative Ways to Manage Stormwater
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