

Urban and Developed Systems Ecology and Management

Scenario #1

You have the opportunity to provide advice to a local homeowner with lakefront property. He is interested in taking action to mitigate some of the impacts that the development of his property has had on natural resources. He would like to preserve his lake views and see more birds from his back deck.

What potential natural resource issues do you see at this site, based on the photo?

What kinds of improvements could the homeowner make to the site to help mitigate these issues and meet his own goals?



Scenario 1 image. Photo by Carol Heiser, Dept. of Game and Inland Fisheries. Used with permission.

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Scenario #2

You have the opportunity to provide advice to a homeowner's association in a subdivision. They have a patch of wooded common area in the middle of a loop road through the neighborhood. They would like it to be a place with "more nature" and perhaps a small walking trail. They also want to make sure that visibility along the roadway is maintained.

What potential natural resource issues do you see at this site, based on the photo?

What kinds of improvements could the HOA make to the site to help mitigate these issues and meet their goals?



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Scenario #3

You have the opportunity to work with a non-profit community center to plan a demonstration landscaping project on their property. It will be used for education with youth programs they organize and visible to the many members of the public who come to the center. They would like attract wildlife and reduce the impacts that the development of their site has had on natural resources.

What potential natural resource issues do you see at this site, based on the photos?

What kinds of improvements could the organization make to the site to help mitigate these issues and meet their goals?

What might you want to include in your demonstration landscape?



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Scenario 3 image - b. Photo by Carol Heiser, Department of Game and Inland Fisheries. Used with permission.

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Scenario #4

You have the opportunity to help suggest some landscape changes at Founders Park. The city wants to maintain this park for recreation, keeping the volleyball court, walking path, and at least some open grassy place for playing games. Other types of recreation, such as bird watching, would be acceptable as well. The park runs along the Potomac River.

What potential natural resource issues do you see at this site, based on the photo?

What kinds of improvements could be made to the site to help mitigate these issues and allow for the desired recreation?



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