

Urban Watershed Forestry Manual Series

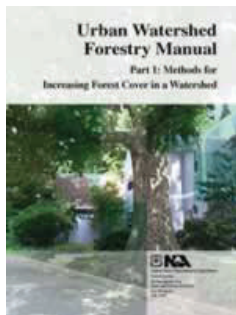
Using trees to protect and restore urban watersheds

USDA Forest Service

Northeastern Area State and Private Forestry



The Center for Watershed Protection (CWP), in cooperation with the USDA Forest Service, Northeastern Area State and Private Forestry (NA), has produced a three-part manual series on using trees to protect and restore urban watersheds. The contents of the manuals are the result of extensive research compiled over the past year as well as two design workshops held in early 2004 that focused on using trees for stormwater treatment and planting trees in the urban landscape. These workshops were attended by more than 40 local, regional and national experts, including foresters, stormwater engineers, landscape architects, arborists, urban soil scientists, watershed planners and representatives from parks, transportation and utility companies. The three parts of the manual series are described briefly below.



Part 1: Principles of Urban Watershed Forestry - Conserving forests in a watershed – This manual introduces the emerging topic of urban watershed forestry and presents new methods for systematically measuring watershed forest cover and techniques for maintaining or increasing this cover. The audience includes local watershed or land use planners or urban foresters.

Status and availability: Part 1 is complete and available online at www.cwp.org and www.na.fs.fed.us/watershed/. A limited number of hard copies of the manual are also available upon request from NA.



Part 2: Conserving and Planting Trees at Development Sites – This manual presents specific ways for developers, engineers or landscape architects to incorporate more trees into a development site. The proposed approach focuses on protecting existing trees, planting trees in stormwater treatment practices, and planting trees in other open spaces at the development site. This manual introduces conceptual designs for stormwater treatment practices that use trees as part of the design (referred to as stormwater forestry practices).

Status and availability: Part 2 is also complete and available online at www.cwp.org and www.na.fs.fed.us/watershed/. A limited number of hard copies of the manual are also available from NA.

Part 3: Urban Tree Planting Guide – This manual provides detailed guidance on urban tree planting that is applicable at both the development site and the watershed scale for all those involved in tree planting and greening in urban areas. Topics covered include: species selection, site preparation, tree planting and maintenance techniques, and special considerations for urban tree planting.

Status and availability: Part 3 is undergoing final format and editing in preparation for publishing. It will also be available online at www.na.fs.fed.us/watershed/ or www.cwp.org. Hard copies of the manual will be available in October 2006.

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