

SECTION 8 - PRACTICE EVALUATION

INTRODUCTION

This section provides information on the effects of urban conservation practices on Soil, Water, Air, Plant and Animal (SWAPA) resources within the urban ecosystem.

Urban resource planning cannot be properly completed without considering the interrelationships of the SWAPA resources within the urban ecosystem. As the public's concern for the environment, whether urban or rural, increases, the interrelationships of these resources will become more critical as project plans are developed.

Urban Conservation Practices Physical Effects (CPPE) sheets can provide details on the physical effects that specific urban practices have on the SWAPA resources. These, in turn, can be used to guide decisions on the best practices to use as a part of the resource management system needed to address the resource concerns identified for the project. The estimation of the physical effects for a practice is based on professional experience and available technical information.

The key question that should be asked when reviewing the CPPE is, "if this practice is applied, what effect will it have not only on the identified or potential target resource concerns or considerations, but also on all the others contained in the column headings?". The planner needs to recognize the effect of applying urban conservation practices in order to select combinations of practices that solve the identified or potential concerns without creating new problems.

Conservation practice physical effects for new Illinois Urban Manual practice standards prepared since the original 1995 version of the manual have not yet been completed. Once completed this section will be updated.

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URBAN CONSERVATION PRACTICE PHYSICAL EFFECTS

RESOURCE

CONTENTS

Soil	Effects of urban practices on the soil resources as these relate to urban soil erosion, soil condition and deposition
Water	Effects of urban practices on the water resources especially as these relate to water quantity and quality
Air	Effects of urban practices on the air resources as these relate to air quality and condition
Plants	Effects of urban practices on the plant resources as these relate to plant suitability, condition and management
Animals	Effects of urban practices on the animal resources as these relate to urban wildlife habitat and management