

5. Soil Survey Data: Applications for watershed, municipal, and storm water management planning

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Abstract:

As development pressure continues to accelerate in much of the United States, increased quantity and decreased quality of storm water runoff is a continuing concern. State and municipal officials, watershed planners, conservation districts, engineers, landscape architects, and others need effective ways to predict the impacts of increased runoff due to land use and management changes and to regulate or design accordingly. Soil survey data can be used at various scales to predict the impact of land use changes and identify potential management options.

NRCS in Connecticut has been working for several years with state and municipal partners to present soils information in formats that facilitate planning, review, and education at the watershed and town level.

This presentation will feature examples of soil survey data used at different scales and combined with other GIS layers, including runoff potential and land use, suitability for storm water management BMPs, and parent material and landscape function.

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