Report for 2003NY26B: Director's Office Information Transfer

- Dissertations:
  - Benaman, J.M., 2003, Uncertainty and sensitivity analyses for watershed models : hydrology and sediment transport modeling on the Cannonsville Reservoir system, PhD dissertation, Cornell University, Ithaca, NY.
  - Remnek, A.D., 2003, Modeling, automated parameter calibration and sensitivity analysis of a watershed model of the Shaw Road Basin, MS dissertation, Cornell University, Ithaca, NY
  - Yang, C.-P., 2003, The effects of precipitation measurement technology and distribution methods on runoff/sediment results for soil and water assessment tool (SWAT), MS dissertation, Cornell University, Ithaca, NY.
  - Hively, W.D., 2004, Phosphorus Loading from a Monitored Dairy Farm Landscape, PhD dissertation, Cornell University, Ithaca, NY.

Report Follows

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Over the past several years WRI has continued to promote specifically the engagement of the wider academic community in water resource management issues in New York State. As in previous years, opportunities to pursue this aim were sought through the New York State Soil and Water Conservation Committee, the New York State Agricultural Environmental Management Committee, and the New York State Non Point Source Coordinating Committee (NPSCC). NYS WRI also participates in work groups of NPSCC, with an emphasis on stormwater (the highest priority for NPSCC leader NYS Department of Environmental Conservation), agriculture, and information and outreach. Most NYS WRI activity on these groups in FY2002 related to Delaware County phosphorus management projects, drawing in local government partners from that cluster. Principals of several 104(b) projects funded in FY2003 and earlier years participated in NPSCC work groups.

As part of the Delaware County project cluster, Masters of Landscape Architecture student Outi Salminen continued to work with the Village of Stamford and an engineering consultant to devise options for stormwater quality management, flood management, and recreation. The project revolves around a piped stream channel downstream of a wetland that formerly hosted a small impoundment. Restoration of the impoundment and opening up of much of the currently piped stream could improve wildlife habitat, eliminate local flooding, and possibly benefit water quality.

A new topical focus for NYS WRI's outreach work began to emerge in the second half of the FY2003 period. New York has entered into an interstate agreement with all other Chesapeake Bay watershed states to reduce nutrient and sediment loading to the bay. At the requests of New York State DEC and the upper Susquehanna Coalition (a network of county agencies), NYS WRI began to evaluate water quality monitoring and modeling activities by the Chesapeake Bay program and to consider how New York should marshal its own technical resources to evaluate its own options and progress toward the very ambitious nutrient reduction targets assigned to New York. This topic will continue into FY2004, and may result in a new NYS WRI Meta project like the one featuring Delaware County.