

**Institute for Urban Environmental Risk Management
Marquette University, Milwaukee, WI 53201-1881**

**RISK BASED URBAN WATERSHED MANAGEMENT-
INTEGRATION OF WATER QUALITY AND FLOOD
CONTROL OBJECTIVES**

Final Report

Vladimir Novotny
David Clark
Robert Griffin
Alena Bartošová
Douglas Booth
Robert Anderson

Project sponsored by the Grant No. R82-5759 to Marquette University from the
USEPA/NSF/USDA STAR Watershed Program

December 2001

**Barbara M. Levinson
Gina Perovich
EPA Project Officers**

Acknowledgment

The research contained in this final report was sponsored by the U.S. Environmental Protection Agency by a Grant No R82-5759 to Marquette University. The project is a part of the USEPA/NSF/USDA STAR Watershed Program. Additional funding was provided by Marquette University and the Wisconsin Foundation for Independent Colleges (S.C. Johnson Foundation). The authors greatly appreciate the support of these agencies and institutions. The findings and conclusions contained in this report and all other reports and documents produced by this research are those of the authors and not of the funding agencies nor the STAR program.

The authors would also like to thank to a number of graduate and undergraduate students who contributed the work well as local environmental agencies (Wisconsin Department of Natural Resources, Milwaukee Metropolitan Sewerage District, Southeastern Wisconsin Regional Planning Commissions, US Geological Survey) that provided data and professional advice.