

List of Files Distributed with WinSLAMM

Category	Name	Description
1 WinSLAMM Program Descriptions	1 Frequently Asked Questions 2014 March 01.pdf	2009 frequently asked questions about WinSLAMM and responses from the WinSLAMM yahoogroups
	1 Modeling Practices in Series4.pdf	2009 guidance memo from WI DNR on how to model control practices in series using WinSLAMM ver 9 (largely superseded by complete routing in version 10)
	1 Program Structure Quick Reference Guide.pdf	2009 simple flow chart of WinSLAMM programming structure
	1 SLAMM and GIS.pdf	2006 report describing the integration of GIS information with SLAMM standard land use files
	1 The Source Loading and Management Model 2003.pdf	2000 extensive report describing early WinSLAMM version and example uses of control practices
	1 WinSLAMM Description 2.pdf	2009 brief summary of an early edition of version 10
	1 WinSLAMM Model Algorithms v5.pdf	2014 description of some of the basic calculation methods used in WinSLAMM for runoff and pollutant loadings, soil compaction, grass swales, street dirt accum and washoff and street cleaning, freeway accum and washoff, bilfiltration processes and filter strips, and porous pavement.
	1 WinSLAMM v 9.4 Summary.pdf	2009 list of changes made with WinSLAMM version 9.4
	1 WinSLAMMFileSummary.pdf	2005 early description of basic WinSLAMM parameter files, including data sources
	2 Calibration and Parameter Files	2 SLAMM 1991 Calibration Report.pdf
2 TVA Area Rain File Reference.pdf		2006 description of the rain files prepared for TVA service area (and some nearby areas)
2 WinSLAMM calibration Sept 24 2008.pdf		2008 report describing an example method for calibration WinSLAMM and the use of the parameter files
3 Land Use and Source Area Descriptions	3 Field Collection of Site Development Characteristics.pdf	2009 guidance for collecting land development characteristics, prepared for green infrastructure projects
	3 Land development characteristics jan 2 2007.pdf	2007 discussion of land development characteristics from Birmingham area and associated receiving water effects, plus how WinSLAMM can assist in these analyses
	3 Site Development Characteristics for Stormwater Modeling.pdf	2005 presentation on site development characteristics affecting stormwater modeling
	3 Standard Land Use file descriptions final April 18 2011.pdf	2011 descriptions of the national standard land use files and their calibrations
	3 Compacted urban soil and remediation Pitt March 8 2012	2012 description of the types of compacted soils in urban areas, their impacts on infiltration rates, and restoration recommendations.
4 beneficial uses	4 Final WERF Beneficial Use Report April 16 2012.pdf	2011 report prepared for WERF describing non-potable beneficial uses of stormwater, including evapotranspiration data for the US, and the use of WinSLAMM for the design of storage and reuse systems
4 biofilter examples	4 Biofiltraton Example.pdf	2003 early examble of biofiltration in residential areas using WinSLAMM ver 8.6
4 characterization	4 MS4 Feb 16 2004 paper.pdf	2004 summary paper describing the National Stormwater Quality Database, including some thoughts on monitoring
4 Costs of controls	4 Costs of Urban Stormwater Practices.pdf	2006 report describing the costs of urban stormwater controls and how these are implemented in WinSLAMM
4 Costs of controls	4 Spreadsheet to Estimate Conventional Drainage Costs.xls	2006 companion spreadsheet for cost calculations of conventional stormwater drainage systems for comparisons to WinSLAMM stormwater control costs
4 ET and bioretention	4 Evapotranspiration and other calcs for bioretention facilities in WinSLAMM.pdf	2007 chapter describing ET and other bioretention-specific calculations in WinSLAMM
4 filtration media	4 Evaluation of Filtration Media.pdf	1999 EPA research report describing stormwater treatment filtration media
4 first-flush occurance	4 First flush and NSQD.pdf	2004 chapter describing first-flush occurances by land use and constituent from NSQD
4 flow durations	4 Flow-Duration Analyses and Habitat Stability.pdf	2007 discussion of flow-duration analyses and stream stability and how WinSLAMM can assist in these analyses
4 GI and combined sewers	4 Modeling green infrastructure in a combined sewer area.pdf	2011 chapter describing green infrastructure modeling in combined sewer areas
4 hydrograph shapes for WQ anal	4 Simple hydro shapes in urban areas for WQ analyses.pdf	2011 chapter describing simple hydrograph shapes for urban stormwater water quality analyses
4 LID analyses	4 WinSLAMM and Low Impact Development.pdf	2005 description of early biofiltration control descriptons contained in WinSLAMM ver 9
4 pond design	4 Detention Pond Design.pdf	2000 report describing suggested design guidance for the design of wet detention ponds for stormwater quality management, including calibration and verification information for DETPOND and WinSLAMM
4 scour of captured sediments	4 Scour of captured sediments.pdf	2010 chapter describing scour of previously captured sediments in catchbasins
4 small storm	4 Small Storm and Particulate Washoff Contributions to Outfall Discharges.pdf	1987 dissertation describing small storm hydrology and particulate washoff as implemented in WinSLAMM along with early calibration and verification data for Milwaukee and Toronto
4 small storm	4 Small Storm Hydrology.pdf	2003 chapter summarizing small storm hydrology and why it is important for the design of stormwater quality control practices
4 sources of pollutants	4 Sources of pollutants data appendix.pdf	2004 data appendix listing source area sheetflow quality
4 sources of pollutants	4 Sources of pollutants more recent studies.pdf	2004 chapter describing recent source area sheetflow quality
4 sources of pollutants	4 Sources of pollutants older studies.pdf	2004 chapter describing older source area sheetflow qualiyt
4 storage-treatment analyses	4 Continuous long term simulations and storage treatment.pdf	2011 chapter describing use of WinSLAMM to evaluate storage-treatment options for flow-through treatment devices
4 street dirt accum and washoff	4 Street dirt accum and washoff.pdf	2004 chapter review of historical street dust and dirt accumulation and washoff data and mechanisms
4 swales	4 UTCA final swales report.pdf	2005 UTCA research report describing grass swale stormwater controls
4 urban soils	4 Compacted soils and biofiltration.pdf	2003 chapter summarizing compacted urban soils and infiltration designs
4 urban soils	4 Infiltration Report Using Amended Soils.pdf	1999 EPA research report describing infiltration through disturbed urban soils and compost amendments to protect groundwater
4 urban soils	4 Urban Soil Sampling and Testing - Standard Operating Procedure.pdf	2009 guidance for sampling methods for testing infiltration rates in disturbed urban soils for green infrastructure projects