

AGSWMM – ArcGIS® and SWMM5 Integration

An interface to link EPA's latest SWMM5 software with ESRI's latest ArcGIS package..

Applications

- Collection system modeling
- CSO and SSO management
- NPDES permit compliance
- GIS integration
- User-friendly modeling

Features

Storm Water Management Model (SWMM) is U.S. Environmental Protection Agency's legacy program used by thousands of municipalities and wastewater utilities for hydrologic/hydraulic modeling of their sewer systems and watersheds. SWMM is ideally suited for studying urban drainage problems and managing wet weather issues related to combined sewer overflows (CSO) and sanitary sewer overflows (SSO). EPA's release of SWMM does not have GIS integration capabilities.

Benefits

GIS integration saves time and money in modeling projects. To create cost-effective models for our clients, we have developed an innovative software called AGSWMM. AGSWMM links SWMM5 with the world's leading GIS software, ArcGIS. AGSWMM is a user-friendly product available to our clients for their hydrologic/hydraulic modeling needs. AGSWMM allows you to see storm surges progress through your system and pinpoint basement backups. More than just reams of computer paper, our AGSWMM models become your automated system evaluation tools.

Examples

AGSWMM software has been applied to many SWMM modeling projects. The above figures show the AGSWMM model for the Kiski Valley Water Pollution Control Authority, Pennsylvania.

