

## International Stormwater Best Management Practices (BMP) Database

|                            |
|----------------------------|
| HOME                       |
| SEARCH AND DOWNLOAD DATA   |
| DATABASE DOWNLOADS         |
| DOCUMENTS                  |
| BACKGROUND                 |
| FREQUENTLY ASKED QUESTIONS |
| CONTACT INFORMATION        |

### Project Sponsors



U.S. Department of Transportation  
Federal Highway Administration



### Project Team

New Download! [Analysis of Treatment System Performance](#) Provides a summary analysis of BMPs entered into the database through 2005.

New Link! [November 29, 2006 Center for Transportation and Environment Telecast](#)

Welcome to the International Stormwater Best Management Practices (BMP) Database project web site, which features technical documents, software and database developed over the past decade. The overall purpose of the project is to provide scientifically sound information to improve the design, selection and performance of BMPs. To accomplish this goal, the Project Team has developed tools to promote scientifically-based collection and management of the data needed to evaluate the effectiveness of stormwater runoff BMPs. These tools include standardized BMP monitoring and reporting protocols, a stormwater BMP database, BMP performance evaluation protocols, and BMP monitoring guidance. Continued population of the database and assessment of its data will ultimately lead to a better understanding of factors influencing BMP performance and help to promote improvements in BMP design, selection and implementation.

The project, which began in 1996 under a cooperative agreement between the American Society of Civil Engineers ([ASCE](#)) and the U.S. Environmental Protection Agency ([USEPA](#)), now has support and funding from a broad coalition of partners including the Water Environment Research Foundation ([WERF](#)), ASCE Environmental and Water Resources Institute ([EWRI](#)), USEPA, Federal Highway Administration ([FHWA](#)) and the American Public Works Association ([APWA](#)). [Wright Water Engineers, Inc.](#) and [GeoSyntec Consultants](#) are the entities maintaining and operating the database clearinghouse and web page, answering questions, conducting analyses of newly submitted BMP data, conducting updated performance evaluations of the overall data set, disseminating project findings, and expanding the database to include other approaches such as Low Impact Development techniques. The database itself is downloadable to any individual or organization that would like to conduct its own assessments.

On this web site, you can obtain:

- the minimum protocols for submitting BMP monitoring studies for



inclusion into the database;

- guidance for monitoring stormwater BMPs to meet these protocols;
- data entry software to store and report BMP monitoring study data;
- performance summaries for individual BMPs through the on-line searchable database containing roughly 200 BMPs;
- statistical summaries of the overall BMP database;
- statistical summaries of performance by BMP types (e.g., wet ponds);
- technical reports describing the statistical techniques recommended for analyzing BMP performance and the results of performance evaluations;
- published papers from conference proceedings and journals on the BMP database; and
- other useful information.

This site is updated regularly with the latest findings and links to materials produced by the Project Team. The underlying data for this project is the result of dedicated efforts of the stormwater research community, and its continued success is predicated on the cooperative efforts of researchers and professionals around the world. The Project Team continuously pursues new BMP data for inclusion in the database and uploads new studies approximately semi-annually. If you have data that you are interested in submitting, please [Contact Us](#).

[Summary of the Number of BMPs in the BMP Database](#)

[BMP Database Disclaimer](#)