**BMPTRAINS Model Training Workshop**

**DATE**: January 28, 2016 TIME: 9am- 4 pm

**PLACE**: Continuing Education Conference Room (innovative center)

3280 Progress Drive, Suite 700, Orlando Fl. 32826

**Objectives**

1. Provide each participant with knowledge for use of BMPTRAINS to assist in the analysis and design of Stormwater Best Management Practices for nutrient removal.
2. Aid in defining and setting up input data required to estimate annual loads and effectiveness for treatment trains using the BMPTRAINS program.

**CLASSROOM MATERIALS**

For maximum benefits, each participant must have a computer with the BMPTRAINS model loaded on it

**AGENDA and Sequence of presentations**

**Introduction** Value of BMPTRAINS, Training Expectations and Evaluation, Review of computer models, series and parallel, BMPs, Effectiveness Annual Basis, State Climate zones

**Background and Methodologies** Retention and Detention, Swales, Harvesting, Bio-Retention, Pre and Post, Catchment Characteristics, Event Mean Concentration, Watershed Conditions, Basis for nutrient removal calculations for different classes of BMPs

**BMPTRAINS examples from recent applications of the model**

1. Disconnecting impervious areas using depression storage options such as rain gardens, tree wells, planter boxes and swales
2. Typical retention basins and wet detention ponds
3. Exfiltration
4. Reuse (Harvesting)
5. Pervious pavements
6. Others as defined by participants

**Discussion, Comments and Review** Lessons learned and Follow-on Information

**INSTRUCTORS:** Mike Hardin, Harvey Harper, Eric Livingston and Marty Wanielista