

# BMPTRAINS Model Training Workshop

**DATE:** May 17, 2016 **TIME:** 9am- 4 pm

**PLACE:** Continuing Education Conference Room (innovative center)  
3280 Progress Drive, Suite 700, Orlando Fl. 32826  
No charge for parking at the center. For a location map, [Click Here](#)

## Workshop Objectives:

1. Understand the theory essential for estimating annual nutrient mass removal.
2. Understand the basis of removal for 15 Best Management Practices.
3. Define input data required for the BMPTRAINS program.
4. Use BMPTRAINS for the selection of stormwater best management practices.

## AGENDA and Sequence of presentations

**Introduction** BMPTRAINS, Training Expectations, BMPs, Effectiveness Annual Basis

**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 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. Sorption Media applications
4. Reuse (Harvesting)
5. Pervious pavements
6. Others as defined by participants

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

## CLASSROOM MATERIALS

For maximum benefit, each participant should have a computer with the BMPTRAINS model loaded on it. The model download is free and available from [www.stormwater.ucf.edu](http://www.stormwater.ucf.edu).

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

**COST:** Workshop fee: \$195 and includes a lunch and beverage service  
PDH hours available at \$35 for 6 hours

**REGISTRATION: If you plan on attending, the link to registration is:**  
<http://www.ce.ucf.edu/Program-Search/2991/Bmptrains-Model-Training-Workshop/>

**HOTEL:** If you would like to stay the night before: an option close by is La Quinta Inn & Suites Orlando @ UCF, 11805 Research Parkway, Orlando, 32826 407-737-6075 (say you are attending a UCF event for a discount).