

## Instructions of Online Training

This training data is prepared for online training of using VZMOD. The data is for Eggleston Heights neighborhood of Jacksonville, Florida, where nitrate contamination due to septic systems is an environment concern. A total of 393 septic systems are included in the dataset. Sand soil is the only soil type in this area. This data should be used for training only, not for evaluating nitrogen transport at the site.

The following input files to VZMOD can be found in folder “inputs”:

- (1) *Sub\_septic tanks.shp* is the septic system location point file
- (2) *Hydrau\_con.img* is the hydraulic conductivity raster file
- (3) *Porosity.img* is the soil porosity raster file
- (4) *DEM.img* is the DEM raster file
- (5) *Smoothed DEM.img* is the smoothed DEM raster file

The output files from VZMOD are stored in folder “outputs”. The screen shot for running the simulation is shown in Figure1.

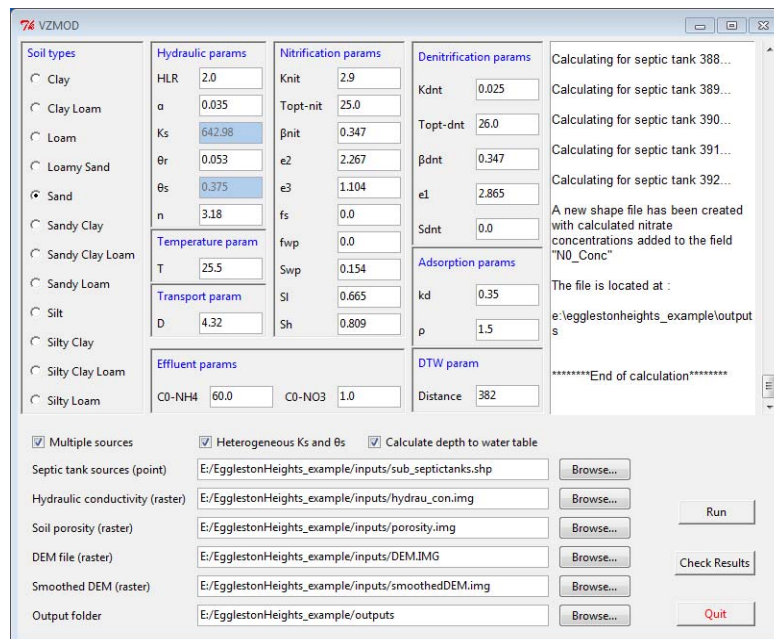


Figure 1. Screenshot of running VZMOD for Eggleston Heights neighborhood.