

Eric R.R. Weaver

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SUMMARY OF QUALIFICATIONS

Technical software expert solving land development problems for 29 years, while enhancing project management with innovative entrepreneur leadership. Always on the edge of technology innovation to achieve a new first in each endeavor.

PROFESSIONAL EXPERIENCE

University of South Florida (USF) **Tampa, FL**
Graduate Teaching & Research Assistant 05/2006 - 05/2017

- Achieved Gold Rating on STARS Sustainability Reports for Provost's Office of Sustainability (2013, 2017)
- Supported First Global Sustainability Degree with new course development, projects, & grading.
- Coordinated review board, manuscript revisions, and publication schedules for seven years as an Editorial Assistant: <http://www.patelcenter.usf.edu/oe/journal.htm> Current Impact Factor is 3.875.

STARS USA Inc **Tampa, FL**
Project Director 05/1984 - 01/2012

- Co-Founded public charitable 501c3 public corporation, an original volunteer member serve & learn program.
- Orchestrated projects with volunteer students resulting in the First Community Emergency Response Team (Tampa CERT) and Reg-Eze, Class-Mate, Key-Mate, and Ride-Mate software: <http://www.starsusa.org>.

Stormwater Management Model Expert **Tampa, FL**
FEMA SWMM Expert 01/1999 - 01/2012

- Self-employed as Number One Google-listed "FEMA SWMM Expert," directing multiple sub-contractors.
- Project Manager over data analysis and collection, field reconnaissance, surveyors, draftsmen, and GIS analysis staff to support multimillion dollar land developments. See *Projects*: <http://eweaver.myweb.usf.edu/resume/>.

Hillsborough County **Tampa, FL**
Engineer II 05/1993 - 01/1999

- Resolved critical flooding in Carrollwood Village Golf Course.
- Transformed County automation for digital submittals, established First County web site.
- Authored Natural Resources Violation/Enforcement, and Stormwater Management Manuals.

Various Small Engineering Firms **Tampa, FL**
Design Engineer 12/1988 - 05/1993

- Beta-Tested SWMM 3.01 while under development with the University of Florida for EPA.
- Created First Florida Watershed/Waterbody Model linking EPA Storm Water Management Model (SWMM) and Water Quality Analysis Program (WASP4) using an ArcInfo GIS database.
- Developed complete EPA SWMM simulation for new site stormwater infrastructure after the major phosphoric acid spill into the Alafia River, including 6 multi-acre ponds linked by a mile of double 48" HDPE pipes.

EDUCATION / TRAINING

University of South Florida **Tampa, FL**
Ph.D. in Civil Engineering: Water Resources 05/2017
Dissertation: "Sustainable Development through Urban Agriculture"

University of South Florida **Tampa, FL**
Dual MBA & M.S. in Leadership and Organization Effectiveness 08/2009

University of South Florida **Tampa, FL**
B.S. in Civil Engineering & B.S. in Engineering 1998 & 1988