

Chek'an·ōvər

JULIANNE CHECHANOVER
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EDUCATION

University of Florida, Gainesville, FL
Bachelor of Science in Biological Engineering
Concentration in Land and Water Resources Engineering
Minor: Sustainability in the Built Environment
GPA: 3.3/4.0

December 2017

LEADERSHIP

Historian, American Society of Agricultural and Biological Engineers, University of Florida
Secretary, Society of Environmental Engineering, University of Florida

April 2015-Present
April 2014-April 2015

INVOLVEMENT

- Summer Undergraduate Research Fellow, National Soil Erosion Laboratory
Purdue University, West Lafayette, IN
-Assessed the interrill erodibilities, rill erodibilities, and critical shear stresses of soils treated with long-term conventional tillage (fall chisel, spring disk) and no-till systems
-Lead rainfall simulation and miniature-flume experimentation to conduct the interrill erodibility, and rill erodibility and critical shear stress assessments respectively
-Performed particle size analysis on soil by using the Bouyoucos Hydrometer Method
-Analyzed data by using t-tests and analysis of variance (ANOVA) through Excel and Minitab software
May 2015-August 2015
- Historian and Member, American Society of Agricultural and Biological Engineers
University of Florida, Gainesville, FL
-Helped plan, host, and setup the 2015 ASABE Southeastern Region Rally
January 2015-Present
- Wetlands Intern, Environmental Protection Commission of Hillsborough County
Tampa, FL
-Examined hydrologic models, such as the SCS Unit Hydrograph, TR-55, and Interconnected Pond Routing (ICPR)
-Analyzed general pre-development and post-development wetland basins with a professional engineer
-Observed the modeling of rainfall events and their effects on the stage and inlet/outlet flow of wetlands
-Accompanied environmental scientists in the field for wetland assessments, such as Uniform Mitigation Assessment Methods (UMAMs) and Wetland Rapid Assessment Procedures (WRAPs)
-Sampled vegetation and identified species found in wetlands - Accompanied Water Monitoring field staff at Apollo Beach and the Lower Tampa Bay: Tested pH of water samples and used a Secchi disk to measure turbidity
-Presented "A Guide to Understanding, Designing, and Maintaining Coastal Erosion Control Structures and Techniques" to approximately 12-15 environmental professionals
June 2014-August 2014
- Secretary and Member, Society of Environmental Engineers
University of Florida, Gainesville, FL
-Participated in Coral ardisia (Christmas berry) and Dioscorea bulbifera (Air potato) clean ups
-Introduced elementary and high school students to environmental engineering and recycling practices during eWeek
-Planned and hosted the Environmental Engineering Sciences Holiday Social

AFFILIATIONS/AWARDS

American Society of Agricultural and Biological Engineers: Student Chapter
American Water Resources Association: Student Chapter
Phi Sigma Rho: Tau Chapter, Psi Class
Leadershape Institute Participant
Florida Water and Environment Association: Student Chapter
Gator Launch Mentoring Program
University of Florida Wetlands Club
University of Florida Society of Environmental Engineers
Gator Certified Professional
Allen G. Smajstrla Scholarship

January 2015-Present
January 2015-Present
January 2015-Present
May 2014
September 2014-Present
September 2014-April 2015
September 2014-Present
November 2013-April 2015

COMPUTER SKILLS

Mac & PC platforms: Microsoft Office, Prezi, Adobe InDesign, Photoshop