

## Presenter Bio-sketches

**Shannon Carnevale**, Natural Resources and Conservation Agent

**UF/IFAS Extension Polk County**

[scarnevale@ufl.edu](mailto:scarnevale@ufl.edu), 863-519-1051

Shannon Carnevale is an Extension Agent in Polk County, FL, where she leads the Natural Resources and Conservation Extension program addressing issues related to watershed ecology & restoration, invasive plant management, and forest resource management. Shannon collaborates with Florida LAKEWATCH by training volunteers for freshwater lake water quality sampling. Before joining UF IFAS Extension Polk County, Shannon worked as a project manager for the School of Forest Resources and Conservation, University of Florida, and as a biological science aid for USDA Natural Resources Conservation Service (Gainesville, FL).

Shannon recently received her Master of Science in Agricultural Education and Communication (2015) from the University of Florida where she researched the opinions of Polk County's elected leaders regarding water resources in the State of Florida. She received her Bachelor degree in Forest Resource Management (2009) from the University of Florida's School of Forest Resources and Conservation.

**James Fletcher**, County Extension Director

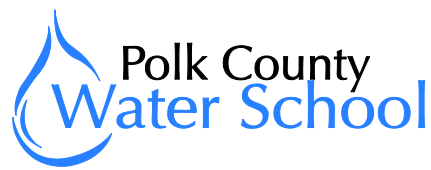
**UF/IFAS Extension Osceola County**

[jhfr@ufl.edu](mailto:jhfr@ufl.edu)

Jim has been with the Florida Cooperative Extension System for 32 years. Currently he is the County Extension Director for Osceola County. He focuses on public policy education as it relates to water supply planning for agriculture. He has served on Central Florida Water Initiative (CFWI) Solutions team and facilitated the Conservation sub team. He is continuing his relationship with CFWI 2020 and will facilitate the agricultural conservation sub-team.

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**Dr. Dave Tomasko, Ph.D.**

**Environmental Science Associates**

**[DTomasko@esassoc.com](mailto:DTomasko@esassoc.com)**

David Tomasko is an Environmental Consultant with more than 25 years of experience related to water quality assessments and the development of science-based resource management plans. David's projects have resulted in the development of water quality and natural resource restoration projects in a variety of locations, and his documentation of the source(s) of ecological problems has led to multi-million dollar and successful restoration efforts in numerous lakes and estuaries. David has been involved with the development of water quality management plans for more than 60 lakes, mostly in Central Florida.

David has also been involved with assessments of the water quality and natural resources responses of San José Lagoon (Puerto Rico) to the restoration of historical circulation patterns, and the development of restoration plans for coastal water bodies through the US, as well as in Puerto Rico, the US and British Virgin Island and the Middle East. Prior to joining ESA, David was a Principal Scientist with Atkins North America and prior to that, he was the Manager of the Environmental Section of the Southwest Florida Water Management District

**Dr. Alison Adams, Ph.D., P.E.**

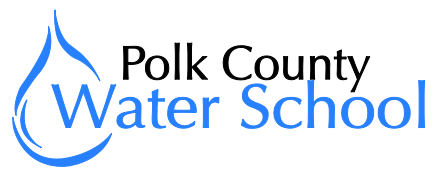
**Tampa Bay Water**

**[AADAMS@tampabaywater.org](mailto:AADAMS@tampabaywater.org)**

Alison Adams, Ph.D., P.E. is the Chief Technical Officer Tampa Bay Water, the largest wholesale public water supplier in the state of Florida. Dr. Adams manages the Science and Technology Division and is responsible for long term water supply planning, demand forecasting at multiple time scales, and decision support for risk, reliability and source allocation, regulatory compliance and information technology. She also directs research into climate variability and climate change and the effects on supply reliability for the Tampa Bay region and management strategies to mitigate these effects.

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**Michael John Carnevale**

**City of Winter Haven**

**[MCarnevale@mywinterhaven.com](mailto:MCarnevale@mywinterhaven.com)**

M.J. Carnevale is an interdisciplinary ecologist working on the relationships between uplands and water ways. He holds a bachelor's degree in Forest Resource Management, a master's degree in Business with an agricultural specialization, and master's degree in Soil and Water Science. He began his career with the University of Florida studying things like, wetland logging impacts, water quality in springs, watershed scale nutrient movement, net ecosystem exchange of carbon as it relates to landscape patterning in the Everglades, and pre and post sampling to quantify restoration success on the Kissimmee River. He has been with the City of Winter Haven for around 4 years and is driving a new approach to understanding this ecosystem, and using that knowledge to drive management practices.

Additionally, M.J. loves Florida and it's ecosystems spending as much time in them as he can manage, whether it's camping, hiking, boating, hunting, fishing, surfing, canoeing, kayaking, or some combination of those. M.J. is dedicated to understanding the systems that support our natural infrastructure and finding a way we can live in balance with them while continuing to thrive economically, and improve quality of life.

**Jim Lentz**

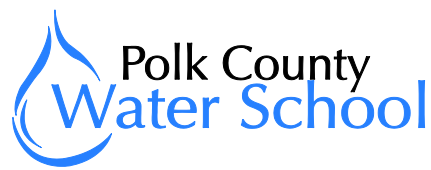
**Developer of Harmony Florida**

**[JLL@harmonyfl.com](mailto:JLL@harmonyfl.com)**

Prior to becoming a real estate developer Mr. Lentz spent most of his career in the Public Finance area. He acted as Advisor or Underwriter in raising over \$10 Billion Dollars for municipalities in the State of Florida including serving as Lakelands financial advisor for many years. In 1996 his wife started the nonprofit Harmony Institute to study the "beneficial humane health values of our relationship with nature and domestic animals". With compelling scientific evidence gather by the Institute the Town of Harmony was born in 2002. Harmony is a 11,000 acre site whose awards include, Governor & Cabinet Sustainability Development Award, Board of Realtors Environmental Envy Award, First International Dark Sky Association Development Award and many others. Harmony has been voted one of the top 50 retirement communities to live in the US for the past 8 years, even though the community did not focus on senior living. The Harmony community has about 2000 residents currently and expects a total population of 18,000 once project is completed. Jim will discuss his 1st hand experience on why environmentally sustainability can be profitable and his new project in Polk County where water sustainability makes financial sense.

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**Dr. Tatiana Borisova**

**Food and Resource Economics Department of University of Florida**

**[tborisova@ufl.edu](mailto:tborisova@ufl.edu)**

Tatiana Borisova's integrated program of Extension and research focuses on University of Florida's Cooperative Extension priority area titled "Enhancing and Protecting Water Quality, Quantity, and Supply". She conducts applied research and collaborates with state Extension specialists and county Extension agents on the design, implementation, and evaluation of multi-disciplinary extension programs focusing on the value of water resources to Florida's economy, the effectiveness of water quality and allocation policies, and the costs of pollution abatement and water conservation strategies for agricultural and urban areas.

**Ed Torres, M.S., P.E., LEED AP (B.S. and M.S. in Civil Engineering)**

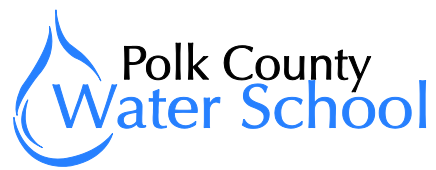
**Director of Public Works and Utilities Department, Altamonte Springs**

**[ETorres@Altamonte.org](mailto:ETorres@Altamonte.org)**

Ed holds Bachelor's and Master's of Science degrees in Civil Engineering from Florida Institute of Technology. He has over 25 years of experience in the management and implementation of a wide variety of water resources projects; including stormwater management, potable water, wastewater, reclaimed water, and industrial wastewater treatment projects. Ed has managed the development of regional flood routing models for riverine and land-locked watersheds and has implemented numerous capital improvement projects addressing flood attenuation and pollution abatement in impaired water bodies.

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Ed is a licensed professional engineer in Florida and he is a Leadership in Energy and Environmental Design Accredited Professional (LEED AP). He is also past member of the board of directors for the Florida Stormwater Association and for the University of Central Florida's Stormwater Management Academy.

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