

2019 Symposium Sessions

Session ID	Time Frame	Session Topic	Session Descriptions
Morning	8:45 a - 10:15 a	St Johns River and Resiliency Morning Keynote - Jim Murley	The session will feature the release of the annual State of the River Report for the Lower St Johns River Basin. Jim Murley, Chief Resiliency Officer for Miami-Dade County will share insights on resiliency efforts in large coastal cities.
A	10:30 a - 11:45 a	RECYCLING TODAY: Responses to a changing global demand for post consumer waste and alternatives to plastics	Global demand and third-party buyers are changing the value of recycling. With landfills hitting capacity and the largest buyers of recycled material shutting down US contracts, we must find alternatives for our waste. The answer starts with refusing or reducing wasteful single-use products; replacing virgin plastic with recycled material; and reusing waste before it is thrown in the landfill. The session will discuss each alternative and share actions which can have a positive impact on our environment.

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B	10:30 a - 11:45 a	Current Resiliency Efforts on Land and Sea: Trees, Dunes & Living Shorelines	This session focuses upon current efforts to build resiliency into our coasts, our shores and our lands. It will focus upon three independent efforts that are specifically focused upon building resiliency against storms on our coasts, flooding on our shores and building better carbon sinks and shade on our lands.
C	10:30 a - 11:45 a	Harnessing the power of SMART TECHNOLOGIES, COORDINATED DATA, and REGIONAL COLLABORATION to improve North Florida's economic competitiveness, sustainability and quality of life	The session will focus on how North Florida is empowering interagency and multi-jurisdictional coordination that accelerates innovation, impact, and investment in our local community.
D	10:30 a - 11:45 a	Planning & Building Resiliently in NE FL: Case Studies & Tools	The session will discuss what communities like St. Augustine, Atlantic Beach and Nassau County are doing to become more resilient and share information on tools that get buildings and cities ahead of the curve such as LEED, SITES, PEER, RELi and LEED for Cities and Communities.

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Luncheon	12:00 p - 1:15 p	Keynote (FDEP Secretary Noah Valenstein), Awards	Keynote Speaker and presentation of JEPB Awards
E	1:30 p - 2:15 p	Current Resiliency Initiatives in Jacksonville: Stormwater Resiliency and Infrastructure Development Review Committee and the Adaptation Action Area Workgroup	This session will provide an overview of the Mayor's Storm Resiliency & Infrastructure Development Review Committee and the city's Adaptation Action Area Committee. These two initiatives are at the center of the city's efforts to ensure infrastructure preparedness for storm water and other flooding risks, and to better prepare for future sea level rise concerns and potential impacts to development.
F	1:30 p - 2:15 p	The Future of Resiliency - Youth Initiatives	Local students share how they have been successful in making positive changes by embracing green culture practices

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G	1:30 p - 2:15 p	The Science of Climate Change	Session will focus on the latest findings of the Congressional Interagency Report on Climate Change and findings from global research into climate science and effects. It will focus on challenges for our region and aspects that will effect the southeastern United States and especially Florida.
H	1:30 p - 2:15 p	Fueling Today's Algae Blooms: New Data on Climate Impacts and Phosphorous	The session will share information on the science behind how storms, warmer waters and sea level rise feed algal bloom growth and also how Biosolids are a contributing culprit in phosphorus driving algal bloom on the St. Johns River
I	2:30 p - 3:15 p	Tributary Health: What are we doing to restore our waterways?	Restoring tributaries can make the area more resilient to storms and rising tides. This session will explore two restoration plans for tributaries and the approach that is being used.

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J	2:30 p - 3:15 p	Interactive Tools to Understand Resiliency	<p>This session will highlight GIS tools utilized by FDEP to facilitate resiliency efforts across the state. Session will include participant collaboration identifying additional tools promoting resiliency</p>
K	2:30 p - 3:15 p	Characterizing Contamination and Assessing Exposure, Risk and Resilience	<p>Resilience is the capacity to recover quickly from difficulties. Community environments can be impacted by events that damage water and wastewater infrastructure, produce debris and waste, expose people to harmful substances, or destroy natural resources. Characterizing contamination and assessing exposure are key steps in determining risk to communities and developing strategies for environmental recovery.</p>
L	2:30 p - 3:15 p	Hospitals and Utilities: Lessons Learned	<p>Session will share information on what local utilities and hospitals are doing to help make their facilities, sites and infrastructure more resilient.</p>

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Closing	3:30 P - 4:30 p	Closing Session - Dr. Keyes/Jason Evans - Welcome to Florida: The New American Venice? (Tentative Topic)	Session will close the day with an interactive discussion on resiliency.
Day Long Workshop	9:00 a - 4:30 p	Stormwater Education Program	The workshop will provide a brief overview of the regulations, inspection and enforcement process in Duval County and a brief discussion on the impacts of turbidity impacting vegetation for water quality and sedimentation impacting flood protection in stormwater, surface waters and wetlands. The workshop will provide case studies of violations documented in Duval County and discuss the planning, engineering and implementation of erosion and sediment control perform measures for similar site conditions to help prevent impacts to the environment and avoid enforcement actions and potential civil penalties.