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### University of North Florida

UNF - College of Computing, Engineering and Construction

UNF Institute of Environmental Research & Education

#### 2021 JEPB-UNF Environmental Symposium Planning Team

James Richardson - Chair, James Taylor - Co-Chair

Emily Barrett, Sarah Boren, Felecia Boyd, Kelsey Cox, Cherie Hayes, Theodore Johnson, Abigail Jones  
Christina Kelcourse, Rachel Klinger, Sean Lahav, Marci Larson, Melissa Long, Margo Moehring, Clint Noble,  
Cassidy Reichert, Russell Simpson, Lindsay Starnier, Eric Summa, Amy Tracy, Michael Williams, Terry Carr

#### Special Thanks:

Sandi Assidy - EQD, Ruby Tucker - EQD, Pam Bush - UNF University Center,  
Wes Lester - COJ Public Affairs Office, Lauren Spencer - COJ Public Affairs Office

**SAVE THE DATE - 2022 Environmental Symposium - October 14, 2022**

# ACTIVATING AN INNOVATIVE, SUSTAINABLE AND RESILIENT FUTURE



THE ENVIRONMENTAL PROTECTION BOARD AND UNIVERSITY OF NORTH FLORIDA  
INSTITUTE OF ENVIRONMENTAL RESEARCH AND EDUCATION PRESENT

# 2021 JEPB-UNF ENVIRONMENTAL SYMPOSIUM

UNF ADAM W. HERBERT UNIVERSITY CENTER  
FRIDAY, OCTOBER 15, 2021

**SAVE THE DATE - 2022 Environmental Symposium - October 14, 2022**



## 2021 JEPB-UNF Environmental Symposium

“Activating an Innovative, Sustainable and Resilient Future”



The Jacksonville Environmental Protection Board (JEPB) consists of nine members, appointed for four-year terms, who are chosen to represent industry, conservationist organizations, professional engineers, the medical profession, and the general public. The board develops regulations necessary for administration and enforcement of the city's environmental laws. It conducts investigations of complaints, takes testimony in matters under its jurisdiction and provides a hearing platform for environmental matters within the city. The EPB also conducts public outreach programs for schools, teachers, civic and private organizations.



Institute of Environmental Research and Education

The Institute's three primary strategic initiatives: the Environmental Leadership Program (ELP); the development of new research focused on environmental issues in Northeast Florida; and academic initiatives that provide community-based transformational opportunities for students. Within each of these initiatives, the Center's programs and projects focus on community-identified needs related to parks and preserves, rivers, coasts and springs, and sustainability in the urban environment.

### IN TRIBUTE



We are saddened by the passing of Dr. J. David Lambert, associate professor at the University of North Florida. During his 20 year tenure, Dr. Lambert developed the Monitoring, Mapping, Analysis, and Planning Systems Lab (EMMAPS) and significantly contributed to the formation of the Environmental Center, now the Institute of Environmental Research and Education (IERE). His greatest passion was mentoring students and helping them gain the skills to advance their careers and one of his proudest accomplishments was the creation of the Environmental Leadership Program. Dr. Lambert's family is working to establish an endowed scholarship, please consider giving a gift today by visiting <https://give.unf.edu/Lambert>.

## 2021 SYMPOSIUM AT A GLANCE

TIME	SESSION	ROOM
1:30 pm - 2:15 pm	<b>Using Technology to Preserve and Protect Natural Resources</b> Moderator - Clint Noble, P.G., PMP - CDM Smith Lindsay Starner - JEA - Kelsey Cox, P.E. - COJ-PW Lisa Sterling, P.E., PMP, BCEE - CDM Smith	Room 1058-1
1:30 pm - 2:15 pm	<b>404 Transitioning from USACOE to FDEP</b> Heather Mason - FDEP Division of Water Resources	Room 1097
1:30 pm - 2:15 pm	<b>Basics of Impaired Waterbodies</b> Moderator - Amy Tracy - Dewberry Hydro Kevin O'Donnell - FDEP Environmental Administrator	Room 1058-2
1:30 pm - 2:15 pm	<b>Youth Initiatives: Connecting Culture, Science and Environmental Stewardship</b> Moderator - Ted Johnson - Timucuan Preserve Andrew Mentrup - National Park Service - Chris Conner - Jax Zoo WILD Team Jamie Lyn Lankenau - Jax Zoo WILD Team and Project Dragonfly Graduate Program Hunter Mathers - UNF Student, Emily Blum - Jax Zoo	Room 1059
2:30 pm - 3:15 pm	<b>Projects in Impaired Waterbodies</b> Moderator: Melissa M. Long, P.E. - COJ Environmental Quality Division J.P. Johns, P.E. and James Riddle, P.E. - Woolpert Ricardo Jimenez, P.E. - Dewberry Hydro	Room 1058-2
2:30 pm - 3:15 pm	<b>Climate Farming &amp; The Science of Climate Change</b> Adam Rosenblatt - Citizen's Climate Lobby - NF Charles Goodin - Johnny Appleseed Organic	Room 1058-1
2:30 pm - 3:15 pm	<b>Resiliency Planning: South Atlantic Coastal Study &amp; Flagler County</b> Moderator - Eric Summa - US Army Corps of Engineers (USACOE) Margo Moehring - NF Regional Council - Kip Webber - USACOE	Room 1059
2:30 pm - 3:15 pm	<b>Infrastructure Resiliency Components of the Clean Waterways Act</b> Moderator - Terry Carr, C.H.M.M. - COJ-Environmental Quality Division Maurice Barker - FDEP - To Be Determined - JEA	Room 1097
3:30 pm - 4:30 pm	<b>Closing Session COJ Resiliency - Where we are and Where we are going</b> Moderator - Sean Lahav - Resiliency Coordinator, Northeast Florida Regional Council Hon. Randy DeFoor - District 14 City Council Member and Chair of the Special Committee on Resiliency - John Pappas - Director of Public Works Department, City of Jacksonville, Kristen Reed - Chief of Community Planning Division, City of Jacksonville Anne Coglianesse, Chief Resiliency Officer, City of Jacksonville	Grand Ballroom

### Symposium Keynote Speakers



**Thomas Frick**

Director of Strategic Planning & Initiatives  
St. Johns River Water Management District

Tom Frick is division director of the St. Johns River Water Management District’s Division of Strategic Planning and Initiatives, where he began work in December 2019. He directs the division’s work of the annual strategic planning process, which includes performing detailed analysis and interpreting information to make recommendations on strategic opportunities for science-based solutions to regional water quality and water supply challenges, resiliency of communities at risk to riverine or coastal inundation, and other key opportunities.

Prior to joining the district, Frick was director of the Division of Environmental Assessment and Restoration at the Florida Department of Environmental Protection (FDEP) for six years overseeing the State’s Water Quality Restoration programs (Total Maximum Daily Loads, Basin Management Action Plans and Impaired Waters Assessment); Surface Water Quality Standards; and Biology and Chemistry Laboratories. He holds a Bachelor of Science degree in chemistry from Florida State University.



Alex Reed was appointed director of the Office of Resilience and Coastal Protection in November 2019. The office has a multi-faceted approach to resilience, including coral reef protection; preservation of coastal and aquatic management areas; beach and inlet management; and the implementation of ecosystem restoration projects to prepare Florida’s coastal communities and state-managed lands for the effects of sea level rise, coastal flooding, erosion and storms.

Alex has been with the Florida Department of Environmental Protection since 2009, serving in a variety of roles and most recently as the director of the Division of Water Resource Management. Alex earned a Bachelor of Science in geology from Florida State University.



**Alex Reed**

Director  
Office of Resilience and Coastal Protection  
Florida Department of Environmental Protection



**Anne Coglianese**

COJ Chief Resiliency Officer

Anne Coglianese is the Chief Resilience Officer for the City of Jacksonville. In this capacity, she leads the development of resilience initiatives to ensure Jacksonville can adapt and thrive in the face of acute shocks and chronic stresses brought on by climate change. Prior to joining the City of Jacksonville, Anne served as the Coastal Resilience Manager for the City of New Orleans where she implemented nature-based solutions to sea-level risk and coastal land loss. Anne’s previous experience also includes serving at the White House Council on Environmental Quality, where she participated in the development of climate adaptation and resilience policies to meet the Obama Administration’s resilience goals.

### Jacksonville Environmental Protection Board Environmental Achievement Awards

JEPB Awards Subcommittee: David Wood, Tom Deck and Charles Garrison  
James Richardson, JEPB Administrator

*Charles E. Bennett Champion of the Environment Award*

**Dr. Lucinda B. Sonnenberg, Ph.D.**



*Christi P. Veleta Environmental Award*

**Anna Dooley**

*Environmental Award of Merit*

**Dr. Gerry Pinto - Jacksonville University**



*Environmental Achievement - Government/Institution*

**City of Atlantic Beach  
SJRWMD Blue Schools Grant Program**

*Environmental Achievement - Individual*

**Brooks Andrews  
Dr. Josh Gellers  
Sean Lahav**

*Environmental Achievement - Community/Civic*

**Beaches Go Green  
Riverfront Parks Now**

*Environmental Achievement - Business*

**Coca-Cola Beverages Florida**

**Congratulations to all the winners!**

The awards will be presented at the  
**Environmental Achievement Awards Luncheon**  
which will be held on **November 17, 2021.**

Information and tickets at [www.coj.net/epb](http://www.coj.net/epb) under “EPB Awards”.