

**COUNCIL GUESTS**



Jennifer L. Jurado, Ph.D.  
Deputy Director & Chief Resilience Officer  
Resilient Environment Department  
Broward County



James F. Murley  
Chief Resilience Officer  
Office of Resiliency  
Miami-Dade County



Ana Carolina Coelho Maran, P.E., Ph.D.  
District Resiliency Officer  
South Florida Water Management District



Major Cory J. Bell  
Deputy District Commander for South Florida  
U.S. Army Corps of Engineers  
Jacksonville District



Eva B. Velez, P.E.  
Chief, Ecosystem Branch  
U.S. Army Corps of Engineers  
Jacksonville District



E. Timothy Gysan, P.E., PMP  
Senior Project Manager  
Ecosystems Projects Branch  
U.S. Army Corps of Engineers  
Jacksonville District

Serving Broward, Miami-Dade, and Monroe counties

## COUNCIL GUESTS



**Maj. Cory J. Bell** joined Jacksonville District as the Deputy District Commander for South Florida, U.S. Army Corps of Engineers in August 2023.

He oversees the planning, construction, and operations of Corps projects in central and south Florida. Prior to assignment with Jacksonville District, Maj. Bell served as the Brigade Executive Officer and Operations Officer for Area Support Group - Kuwait. Before that, he was assigned as a Project Engineer at Fort Gordon, within South Atlantic Division's Savannah District, where he led Cyber Transformation and Sustainment, Renovation and Modernization (SRM) projects for the garrison, signal, and cyber schools.

He served two combat tours in Afghanistan for Operation Enduring Freedom – first as a Company Executive Officer for 595th Sapper Company deployed to Kandahar Province in 2010, then as an Executive Officer for 40th Mobility Augmentation Company deployed to Ghazni Province in 2012.

Bell's prior assignments include Platoon and Company Observer Controller and Trainer with Task Force 5 at the Joint Readiness Training Center (JRTC), Fort Polk, Louisiana, 2014-2015, Task Force Engineer and Headquarters and Headquarters Company Commander with 1-64 Armor, Fort Stewart, 2015-2018, where he conducted operational deployments to Europe and South Korea. Platoon Leader, 595th Sapper Company, 2nd Engineer Battalion, 36th Engineer Brigade at White Sands Missile Range, New Mexico.

Bell received his commission as an Engineer Officer in 2010 from Officer Candidate School, Fort Benning, Georgia. He holds a Bachelor of Science in Mechanical Engineering from the University of Florida and a Master's of Science in Engineer Management from the Missouri University of Science and Technology. His military education includes the Engineer Officer Basic and Captains' Career Courses, Command and General Staff Officer College, and Airborne course. He is a registered Project Management Professional.

His military awards and decorations include the Bronze Star Medal, Meritorious Service Medal, Army Commendation Medal with four Oak Leaf Clusters, Army Achievement Medal with three Oak Leaf Clusters, the Afghanistan Campaign Medal with two Service Stars, Global War on Terrorism Service Medal, Army Service Ribbon, Overseas Service Ribbon with numeral three, NATO Article 5 Ribbon, National Defense Service Ribbon, Humanitarian Service Ribbon, Korean Defense Service Medal. Unit awards include: Presidential, Valorous, Meritorious, and Superior Unit Citations, the Combat Action Badge, and the Parachutist Badge. He has been awarded the Order of the Gold Spur, Steel Order of the de Fleury Medal (Engineer), and the Order of Saint George (Armor).

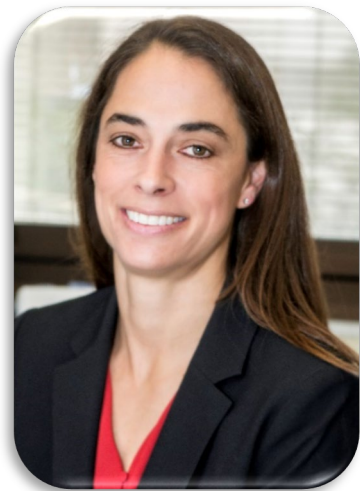
Bell is a native of Gainesville, Florida.

Serving Broward, Miami-Dade, and Monroe counties



**E. Timothy Gysan, P.E., PMP** is the Resilience Senior Project Manager for the Ecosystems Projects Branch, Jacksonville District, US Army Corps of Engineers. He currently serves as the project manager for the Lake Okeechobee System Operating Manual (LOSOM), C&SF Flood Resiliency (Section 216) Study, the Kissimmee River Restoration, and the Interagency Modeling Center, which supports modeling for the South Florida Ecosystem Restoration program. Mr. Gysan previously spent sixteen years as a hydraulic engineer in the Jacksonville District Engineering Division, Water Resources Engineering Branch supporting projects including the Kissimmee River Restoration and the NRCS Agricultural Conservation Easement Program.

Mr. Gysan graduated from the University of Florida in 1997 with a degree in Environmental Engineering and received his Master's degree in Environmental Engineering specializing in Systems Ecology in 2000. He is a Registered Professional Engineer in the state of Florida and holds a Project Management Professional (PMP) certification. Mr. Gysan is an active member of Society of American Military Engineers Jacksonville Post and was selected as Post Engineer of the Year in 2012 and Junior Engineer of the Year 2007-2008. Mr. Gysan is married and has three children. He and his family reside in St. Johns, FL.



**Jennifer Jurado, Ph.D.** is the Chief Resilience Officer and Deputy Director of Broward County's Resilient Environment Department. Dr. Jennifer Jurado is responsible for leading climate resilience and environmental planning initiatives for Broward County, FL. Areas of particular focus include sea level rise adaptation, sustainable water resource management, shoreline protection, coastal resource conservation, and clean energy projects. She works extensively with internal and regional stakeholders to advance county-wide resilience planning informed by future conditions scenarios, including resilient infrastructure design standards and redevelopment strategies, and fosters public- private partnerships key to large-scale initiatives. Current priorities involve the application of climate information and economic risk assessments to inform a basin-level county-wide resilience plan. Dr. Jurado has been a participant in the four-county Southeast Florida Regional Climate Change Compact since its formation in 2009. She serves on the board of directors for the American Society of Adaptation Professionals and the American Geophysical Union's Thriving Earth Exchange. She earned her Ph.D. from the University of Miami in Marine Biology and Fisheries.

Serving Broward, Miami-Dade, and Monroe counties



**Carolina Maran, Ph.D., P.E.** is the Chief of District Resiliency with the South Florida Water Management District. In her role, she is responsible for coordinating resilience efforts across federal, state, regional and local agencies, advancing scientific research and data analysis to ensure the District’s resilience planning and projects are founded on the best available science; and, developing and implementing comprehensive resiliency projects to mitigate and adapt to the challenges facing the District’s infrastructure from sea level rise and other climate change impacts. Carolina has more than 20 years of experience working on water and climate resiliency; water resources planning, management and regulation; hydrologic and hydraulic modeling, decision support systems and GIS; water allocation rules and conflict resolution. Prior to joining SFWMD, Carolina was the Water Manager at Broward County, worked over 10 years as a Water Resources Specialist for the Federal Water Agency in Brazil, and collaborated with International Organizations as part of technical consulting teams. She holds a Ph.D. in Civil and Environmental Engineering – Water Resources from Colorado State University and a Master’s Degree in Water Resources Engineering from Parana Federal University in Brazil. Currently, she serves on the Florida Water and Climate Alliance Steering Committee, Southeast Florida Regional Climate Compact Steering Committee, and on the Board of Directors of South Florida Hydrologic Society and the Resilient Utility Coalition. Mom of two awesome boys, Carolina enjoys watching them play little league baseball and visiting new places with her family.



**James F. Murley** is the Chief Resilience Officer for Miami-Dade County. Miami-Dade County, together with the Cities of Miami and Miami Beach, launched their Resilient 305 Strategy in May 2019. Jim previously served as Secretary of the Department of Community Affairs under Governor Lawton Chiles and was appointed Chair of the Florida Energy and Climate Commission by Governor Charlie Crist. Additionally, he served as Executive Director of 1000 Friends of Florida, spent over 10 years with Florida Atlantic University overseeing research on urban and environmental issues, and served as Executive Director of the South Florida Regional Planning Council. Jim is a founding member of the American Society for Adaptation Professionals and Resiliency Florida, a Board member of The Florida Ocean Alliance and the Southeast Coastal Ocean Observing Regional Association. He serves as Mayor Levine Cava’s designee on the Miami River Commission. He is also a Fellow of the National Academy of Public Administration.

Serving Broward, Miami-Dade, and Monroe counties



**Eva B. Velez, P.E.** serves the US Army Corps of Engineers (USACE) Jacksonville District as the Chief of the Ecosystems Branch in the Programs and Project Management Division, responsible for the management and execution of aquatic ecosystem restoration efforts in the South Florida Ecosystem and the resiliency efforts of the Central and Southern Florida system.

The South Florida Ecosystem Restoration (SFER) program's goal is to restore and protect ~2.4 million acres known as America's Everglades. The Central and Southern Florida (C&SF) system provides flood control, water supply, recreation, navigation and preservation of fish and wildlife to a population of over ~9 million Floridians and spans 16 counties.

Previously, Eva was the Strategic Program Manager of the Everglades restoration program in the Programs and Project Management Division, Ecosystems Branch, South Florida Program Office. She has supported District Command, District leadership, and the Project Delivery Teams in the execution of the South Florida Ecosystem Restoration Program (SFER). Spanning over twenty-three years, her experience includes both private and public sector work. Prior to joining USACE, Eva served the State of Florida as the Director of Everglades Policy and Coordination for the South Florida Water Management District (SFWMD). In that role, she was the SFWMD's executive leader responsible for coordination, development and implementation of comprehensive policy and projects to preserve, restore and protect the South Florida ecosystem, including America's Everglades, while recognizing the needs of external constituents, stakeholders and federally recognized tribes.

In her prior private sector work, Eva formed her own company, Velez Engineering, Inc. where she was the principal for an engineering firm with an emphasis on water resources. Much of her private sector work experience was as a Project Manager and Senior Engineer for AECOM Technical Services, Inc where she was responsible for the management, design, permitting and regulatory certification of water resources projects.

Eva is a licensed professional engineer in the State of Florida since 2004. She earned a Bachelor of Science in Agricultural and Biological Engineering with an Area of Concentration in Natural Resources Conservation (Soil & Water) from the University of Florida. Some highlights of the awards she has received in her career include Young Engineer of the Year, Florida Section, American Society of Agricultural and Biological Engineers (ASABE), 2006; Engineer of the Year, Florida Section, ASABE, 2016; and 2022 Great Minds in STEM (GMiS/HENAAC) Professional Achievement Level II Award winner.

Eva is a native of Mayaguez, Puerto Rico and is bilingual in the English and Spanish language. Eva is married to her college sweetheart and is the mother of two boys – they live in Port Saint Lucie, Florida.

Serving Broward, Miami-Dade, and Monroe counties