

DRAFT MINUTES
 TECHNICAL ADVISORY COMMITTEE TO THE BROWARD COUNTY WATER ADVISORY
 BOARD

Friday, June 21, 2024, 9:30 AM Hybrid Meeting via Zoom

A meeting of the Technical Advisory Committee (TAC) was held on June 21, 2024, commencing at 9:30 am in person at 115 S. Andrews Ave Room 430 and virtually on Zoom. (The TAC meeting minutes were summarized by Delani Wood (dwood@broward.org or 954-519-1251). Copies of the presentations are filed with the supplemental papers of the meeting.)

Link to the recording: https://broward-org.zoomgov.com/rec/share/4RURi7uvw2y7Tai-Ju5iULIHNEASrxs5acAZhXk8kGLI4tqAhS2y0cw_fTr6Ohl8.Ym8TyOGnfxHyeepX

I. Statement of Meeting Objectives

II. Roll Call

Name	In Person	Virtual	Absent	Alternate Name
At Large (Vacant)				
Randolph Brown Vice- Chair			X	
Albert Carbon (Chair)	X			Chris Cappiello
Alan Garcia	XALT	X ALT		Kevin Carter
Brett Butler			X	
Commissioner Doug Bell	X			Robert Goggin IV
David Walker		X		
Giovanni Batista		X		
Heather Cunniff	X			
Isabel Cosio Carballo	X			
Dr. Jennifer Jurado	X			
Jose Lopez			X	
Dawn Teetsal		X		Deann Von Stetina
Lisa Milenkovic	XALT			Allison Witoshinsky
Patrick Davis	XALT			Janeen Wietgreffe
Pete Kwiatkowski		X		
Rafael Frias	X			Irela Bague
Renuka Mohammed			X	Kiersy Pena Bratton
Stephanie Pearson		X		
Steve Holmes	X			
Jeff Jiang				
Suzanne Mechler	X			Joan Fernandez
Talal Abi-Karam	X			
Rodrigo de Castro	X			
Luis Ochoa	XALT			Andrew Sobrino

III. Public Comments

There were no public comments.

IV. **TAC Approval of Minutes of April 19th, 2024

Motion: Steve Holmes, 2nd Talal Abi Karam. Vote: Unanimous.

V. Announcements

- a. There is one vacancy that will be announced this summer, with a later presentation to the committee.
- b. Dr. Jurado says there will be a discussion next week on the Central and South Florida project, with an update provided at the next convening.

VI. Presentations:

- A. *South Florida Water Management District Resilience Plan 2024 Update (20p, 10d)*
Dr. Carolina Maran, Chief of District Resiliency and David Colangelo, District Resiliency Plan Coordinator, SFWMD.

Mr. Colangelo gave an update on the SFWMD Sea Level Rise and Flood Resiliency Plan, which includes ongoing vulnerability assessments, adaptation and mitigation planning, and project implementation. Projects emphasize restoring ecosystems utilizing nature-based solutions and include enhanced canal embankments, temporary storage sites, and coordination with the real estate sector.

- B. *FAU CA-AI & I-SENSE Internet of Water Technology and Services (20p, 10d)*
Dr. George Sklivanitis, Schmidt Research Associate Professor & I-SENSE Fellow, Center for Connected Autonomy and AI, Department of Electrical Engineering and Computer Science, Florida Atlantic University.

Dr. Sklivanitis introduced his department's work on building a network of remote sensors to measure a variety of environmental metrics. These sensors can be deployed to collect hyperlocal data to improve weather forecasting models and support emergency response management to extreme precipitation.

- C. *June 13 Rainfall Review*
Dr. Jennifer Jurado, Deputy Director and Chief Resilience Officer, Broward County Resilient Environment Department.

The June 13th rainfall event measuring at least 9.5 inches was equivalent to the average total historic monthly rainfall. Dr. Jurado discussed how these high intensity events will become more frequent due to global warming and will need to be addressed in future planning. Contributing factors to subsidence of flood waters included available groundwater storage and canal system conveyance. Rising groundwater enhances vulnerability with prolonged duration events underpins an increasing need for open spaces to retain stormwater.

VII. New Business

- a. Ideas for future presentations.
 - a. Meteorologist from SFWMD

Next scheduled TAC Meeting: August 16, 2024, 9:30 a.m.

Next scheduled Joint WAB/TAC Meeting: September 13, 2024, 10:00 a.m.