

# City of Miami, Florida

Aaron DeMayo  
CHAIR



City of Miami  
CLIMATE RESILIENCE COMMITTEE

April 17<sup>th</sup>, 2024

**Chairwoman Christine King**  
City of Miami  
3500 Pan American Drive  
Miami, FL. 33133

## **RE: Climate Resilience Committee Support with Recommendations of Peacock Park Shoreline Stabilization Capital Improvements Project**

The Climate Resilience Committee's mission includes the responsibility to review and evaluate issues related to the use, disposition, and/or development of City-owned waterfront property and advise the City Commission concerning those issues. As such, during the meeting on April 1<sup>st</sup>, 2024, a presentation was given by Manosh Varghese, PE Project Manager with Metric Engineering, Ryan St. George, Environmental Permitting Lead with Metric Engineering, Lailee DeLay, PE Drainage Lead with Metric Engineering, and Leonard Allen, PE Design Lead with Cummins Cederberg, regarding the Peacock Park Shorelines Stabilization Capital Improvements Project, located at 2820 McFarlane Road.

The Committee Chair, Aaron DeMayo, made a motion to give a recommendation of the Climate Resilience Committee in support of this project and its comprehensive inclusion of green infrastructure with the request that the team look into including shade trees, permeable pavement, and less heat absorbing material if possible. Avra Jain seconded it. All were in favor. During the meeting, the members in attendance included Chair Aaron DeMayo, Vice Chair Nkosi Muse, *Wayne Pathman Esq.*, *Adrian Plasencia*, *Avra Jain*, *Sarahi A. Perez*, and *Silvio Frank Pupo-Casco*.

Following the presentation, there was a discussion, in which the Committee expressed support for some design aspects and recommended improvements on others.

### Support:

- Project design takes into consideration potential flooding from the kayak launch and mitigates against it.
- Project design takes into consideration the neighboring Coconut Grove Sailing Club and allows for future collaboration on flood adaptation.
- Project design removes category two invasive trees from the project site.

Recommendations:

- Project design allows for existing mangroves to survive and migrate as sea level rises. However, a gentler slope on the berm would likely increase the survivorship of these mangroves. The tradeoff for this is a larger berm footprint.
- Project design incorporates an asphalt walkway to match existing walkways, by request of the Parks Department. CRC recommends use of an alternative material that is permeable and reflective so it can absorb stormwater and absorb less heat so it will be more comfortable for pedestrians.
- Project design incorporates Royal Palm trees since they are large, self-pruning, and don't have a large canopy. CRC recommends the consideration of native trees with a larger canopy to better shade the pedestrian pathway and contribute to regional tree canopy goals. CRC acknowledges the constraint of the baseball field area but feels a solution that increases canopy and minimally encroaches on the field can be found.

For additional clarification on statements made by Committee Members, please review the recording or direct questions to Miriam Flores, Special Projects Coordinator, who will contact those member(s) for clarity.

The recording of the meeting can be viewed at this webpage: [Climate Resilience Committee Meeting - Apr 1st, 2024 \(granicus.com\)](#)

Sincerely,



Aaron DeMayo  
Chair

CC: Nkosi Muse, Vice-Chair  
Rodrigo Bilbao, Committee Member  
Silvio Frank Pupo-Casco, Committee Member  
Avra Jain, Committee Member  
Wayne Pathman, Committee Member  
Sarahi Perez, Committee Member  
Chief Adrian Plasencia, Committee Member  
Arthur Noriega, City Manager  
Natasha Colebrook-William, Deputy City Manager  
Asael "Ace" Marrero, RA, RID, AIA, ICC, Assistant City Manager  
Sonia Brubaker, Chief Resilience Officer & Director of Resilience and Sustainability  
Hector Badia, Director of Capital Improvements  
Chris Evans, Director of Parks and Recreation