

An aerial photograph of Miami Beach, Florida, showing a mix of modern high-rise buildings and a lush green park area with winding paths and palm trees. The ocean is visible on the left side of the frame. The text is overlaid on the top half of the image.

FIGHT THE FLOOD: PRIVATE PROPERTY ADAPTATION PROGRAM Informational Webinar

Environment and Sustainability Department

March 13, 2025

MIAMI BEACH
RISING
ABOVE

WELCOME!

INFORMATIONAL SESSION AGENDA

1. Program Purpose
2. Summary of Program Structure
3. How to Apply
4. Meet the Consultant: Brizaga
5. We are here to help- Contact Us!

**APPLICATION
WINDOW
OPEN NOW
UNTIL APRIL 25**



MEET THE PPA TEAM

City of Miami Beach

Brizaga, Inc.



Amy Knowles
*Chief Resilience
Officer*



Juanita Ballesteros
*Sustainability &
Resilience Manager*



Michael Antinelli
*Principal and Co-
Founder*





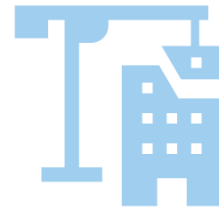
Inform, Prepare, Adapt

WHY SHOULD YOU REDUCE YOUR RISK?



93% OF BUILDINGS

are located in a FEMA special flood hazard area (SFHA).
Protect your property with flood insurance.



64% OF BUILDINGS

were constructed before FEMA Flood Insurance Rate
Maps that require higher construction.

- The **Unified Regional Sea Level Rise Projection** for Southeast Florida, developed by the Southeast Florida Climate Change Compact highlights the need to **prepare for increased flooding (NOAA, IPCC)**

PPA Program Goals

To reduce flood risk and increase the City's resilience by incentivizing flood risk mitigation activities.

How?

By increasing flood risk awareness and providing options and funding for flood risk improvements.

Building holistic resilience through investment in both public infrastructure and private properties that make up 75% of the island.



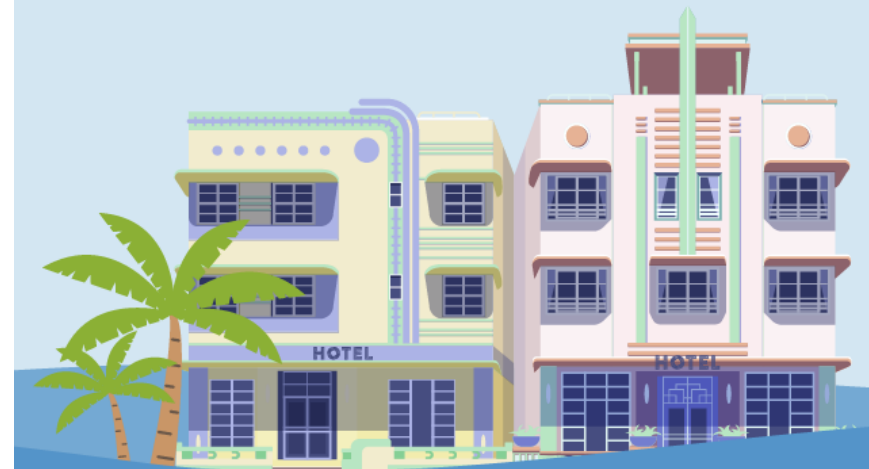
What is Flood Mitigation?

Flood mitigation is focused on **reducing the depth, duration, and extent of flooding**, and reducing the **potential damage** caused by flooding.



Program Overview

- Open to **residential** (single- and multi-family) and **commercial** properties in Miami Beach
- Funds a **flood risk assessment** and the implementation of resilient **flood improvements**
- Competitive, **reimbursement-based** grant program
 - *Application does not guarantee funding*
- **50/50 matching grant up to \$20,000**
 - *\$2,500 funded by City for flood risk assessment*
 - *Property owners reimbursed half of project costs up to \$17,500*
 - *Qualifying low-to-moderate income (LMI) households are not required to provide a grant match, up to \$17,500*



MIAMIBEACH

PPA Cohort 1 + 2 Summary Statistics

55 Total Participants



6 historic



9 multifamily



2 commercial



5 LMI



PPA Cohort 1 + 2 Summary Statistics

55 Total Participants



6 historic



9 multifamily

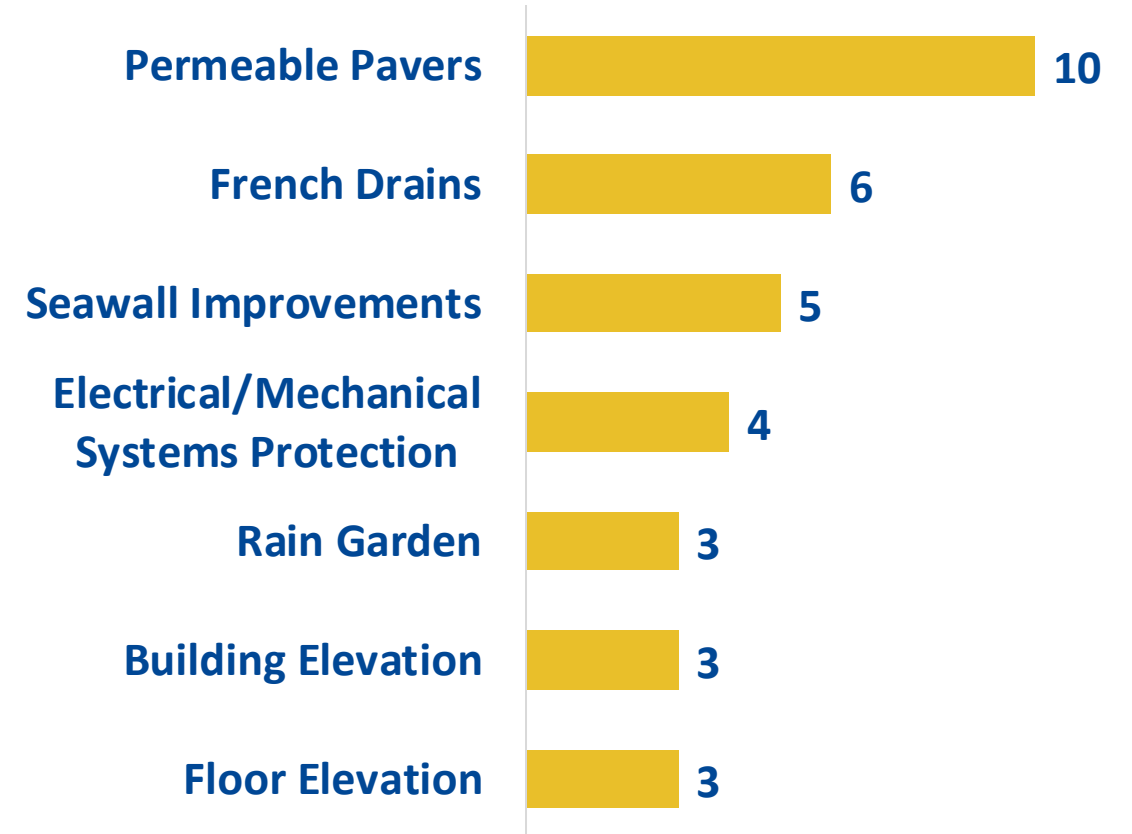


2 commercial



5 LMI

Currently Selected Projects



As a PPA Participant, You Are Required to...



- Find your own contractor
- Finalize your project scope
- Enter into a grant agreement with the City and adhere to the terms laid out in the agreement
- Submit your final contractor scope and agreement, ensuring flood mitigation work is clearly described
- Submit regularly scheduled reports to the City
- Maintain a complete record of all invoices and corresponding proof of payment
 - Work with your contractor to ensure invoices align with flood mitigation project scope
- Maintain an active flood insurance policy



PPA is a Two-Phase Program

Phase 1: Assessment

A flood risk assessment is conducted, which includes a site visit and provides a report with up to three suitable projects to mitigate flood risk. The City currently covers the assessment cost of \$2,500.

Phase 2: Design and Construction

Participants review their assessment and determine project scope, then find and select a contractor to complete their project. After project completion and submitting documentation, participants can request reimbursement for up to \$17,500 in matching funds.*

**Only project costs directly related to flood risk mitigation activities are reimbursable under this program.*



Program Phases

PHASE 1: ASSESSMENT

Property owners **apply online and submit documents**



Consultant meets selected applicants to conduct **site visit**



Consultant and City create and send **Assessment Report** to selected applicant

PHASE 2: DESIGN & CONSTRUCTION

Applicant **chooses project(s) to submit for Phase II Grant Agreement**



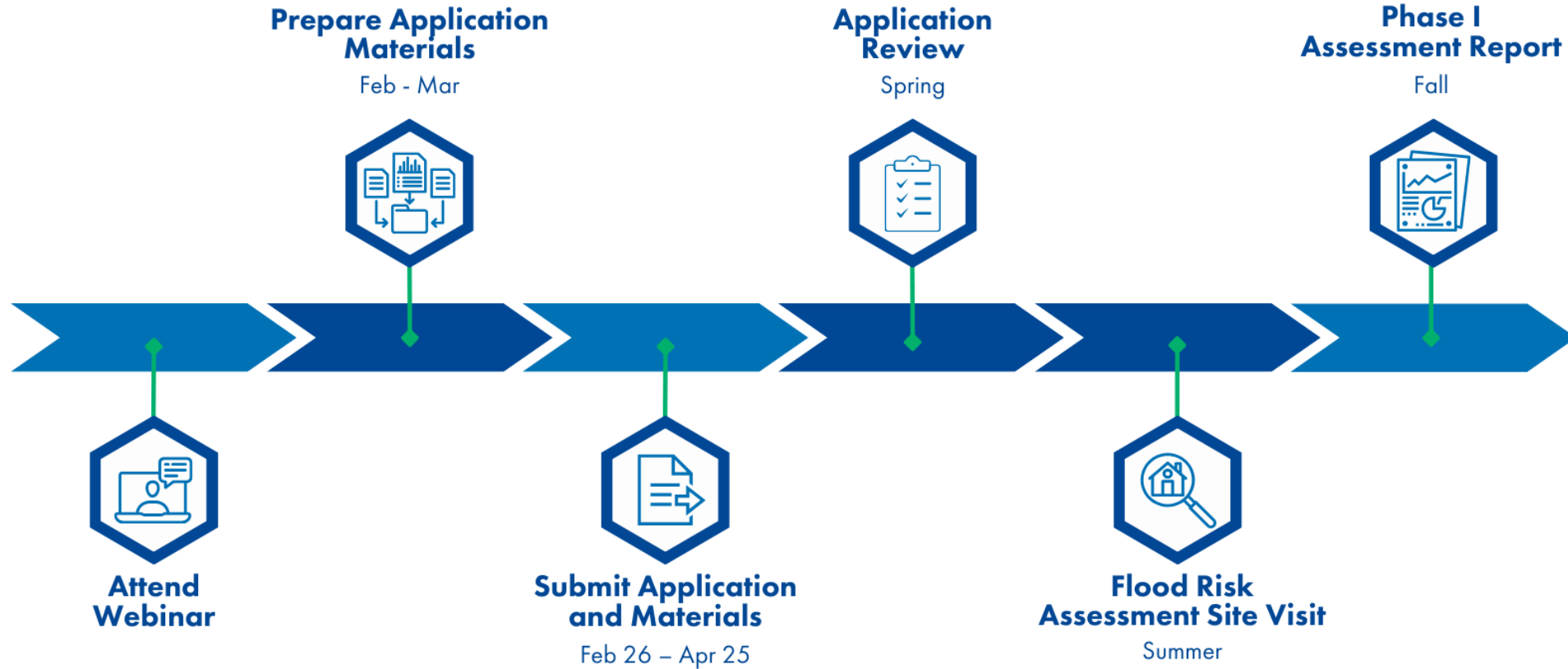
Applicant solicits quotes and hires contractor to complete the project



Applicant submits documentation and request for **reimbursement**

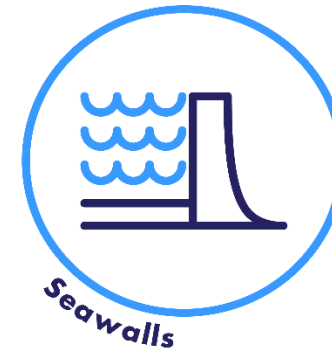


Phase I Timeline



Variety of Project Types

- Home Elevation
- Backflow Prevention
- Mechanical Systems Flood Protection
- Electrical and Life Safety Flood Protection
- Wet & Dry Floodproofing
- Flood Resistant Building Materials
- Flood Walls & Barriers
- Elevation of Seawalls, Floors, and Equipment
- Green Infrastructure
- Rain Gardens
- Permeable Surfaces
- Cisterns & Rain Barrels



Phase I Roles and Expectations

City

- Guidance on program requirements
- Review and evaluate all applications
- Request corrections or additional documentation
- Notify participants of program acceptance
- Review assessment reports created by the consultant

Participants

- Provide all required application documents
- Obtain commitment from ownership structure
- Monitor emails for city notifications from Submittable and MBRisingAbove email
- Respond to city requests on time
- Meet with consultants to conduct property site visit



Required Documentation

1) Property Elevation Certificate

- The City may have certificates for properties built after 1995. Visit the MB Citizen Self-Service Portal to request the records from the Building Department.

2) Proof of Property Flood Insurance

- If you do not currently have flood insurance, obtain a policy.
- Required through the duration of program participation

3) Applicant Proof of Identity (This can be a State ID or passport).

4) Proof of Property Ownership

5) A Signed License Agreement Allowing the Site Visit to the Property



MIAMI BEACH
RISING
ABOVE



Required Documentation (cont.)

- 6) **Income Information** (Required for low-to-moderate income applicants)
- 7) **Corporate Resolution by Condo Association Authorizing Application Submission** (If Applicable)
- 8) **Affidavit by Building Property Owner Consenting to Commercial Tenants for Program Application** (If Applicable)
- 9) **Proof of Incorporation and in Good Standing** (If applicable; available on Sunbiz.org)
- 10) **Historic Designation** (If applicable)



Sample Criteria for Evaluation

- Low to Moderate Income
- Flood Insurance Claim
- Elevation
- Resident/ Primary Residence
- Historic Designation
- Area of Flooding
- Flooding Experienced
- Flooding Evidence



All applications will be reviewed, evaluated, and prioritized according to available funds. Application does not guarantee funding.



How do I Apply?

- [Application Process](#)
- [FAQs](#)
- [Flood Mitigation Resources](#)
- [Phase I: Assessment](#)
- [Phase II: Design and Construction](#)

QUICK LINKS

- [CLIMATE SCIENCE](#)
- [CLIMATE ADAPTATION](#)
- [CLIMATE MITIGATION](#)

Are You Concerned About Flooding on Your Property?

The City of Miami Beach is pleased to provide the **Fight the Flood Private Property Adaptation (PPA) Program**, a competitive grant program for residential and commercial property owners in Miami Beach.

Miami Beach is a low-lying community and many buildings are vulnerable to different types of flooding, including King Tides, storms, and sea level rise. In fact, most of Miami Beach is located in the FEMA Special Flood Hazard Area. This innovative program seeks to incentivize resilience action and investment by providing guidance and grant funding for flood mitigation improvements. The purpose of this program is to reduce the risk of flooding and flood damage.



The PPA program may grant up to \$20,000 for the full scope of work, including the \$2,500 value of the assessment report and up to \$17,500 in reimbursable matching funds for the design and construction of flood mitigation project(s). If the applicant qualifies as low-to-moderate income (LMI), the PPA may fund the entirety of the project, up to \$17,500, without the funding match requirement.

Projects include but are not limited to building elevation and floodproofing, electrical life safety and mechanical flood protection, temporary flood barriers, wet floodproofing, flood-resistant materials, drainage, permeable pavers, rain gardens and seawalls. The City looks forward to working together with residents to build a more resilient Miami Beach.

To be notified of future updates, sign up for our mailing list below.

APPLY HERE
February 26 – April 25

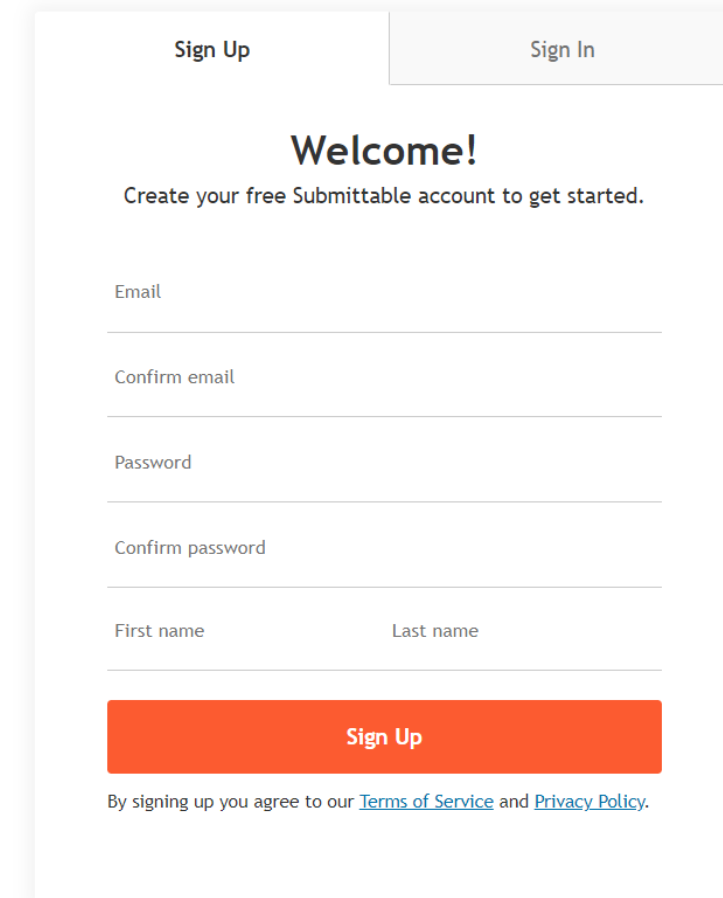


Tips for a Smooth Application

Create an account on Submittable, the PPA Program's online application platform.

NOTE: The email used to create an account will be the contact used to receive updates and notifications for your application. **Please make sure this email account is actively monitored.**

You may save your application draft and revisit it.



The screenshot shows the Submittable sign-up interface. At the top, there are two tabs: "Sign Up" (active) and "Sign In". Below the tabs is a "Welcome!" heading followed by the text "Create your free Submittable account to get started." The form contains several input fields: "Email", "Confirm email", "Password", and "Confirm password". Below these are two input fields for "First name" and "Last name". A prominent orange "Sign Up" button is centered at the bottom of the form. At the very bottom, a line of text reads: "By signing up you agree to our [Terms of Service](#) and [Privacy Policy](#)."



BRIZAGA Program Consultants



ADAPTATION DIFFERS BY ASSET TYPE



Single Family



Multi-Family



Commercial

Local and other regulation govern the types of adaptation that can be done on different asset types (e.g., FEMA floodplain regulation or Miami Beach building code).



EXAMPLE ADAPTATION OPTIONS: HOMEOWNER



Example of adaptation options from Miami Beach Business Case Analysis



ADAPTATION EXAMPLE: VIZCAYA MUSEUM & GARDENS



Vizcaya Museum and Gardens
Miami, Florida



THE PHASE I PROCESS



Step 1: Application & Data Review



Step 2: Preliminary Assessment



Step 3: Site Visit & Property Assessment



Step 4: Adaptation Option Concept Development



Step 5: Final Report



ASSESSMENT PROCESS

Pre-Visit Desktop Assessment

Before the site visit, our team conducts a comprehensive background review to tailor our approach to each property. This includes:

- Reviewing available documents, photos, and videos.
- Analyzing the property's flood history and risk factors.
- Evaluating the owner's written experiences, concerns, and priorities.
- Conducting a preliminary feasibility assessment based on site conditions.



ASSESSMENT PROCESS

Site Visits

Participants will receive a scheduled date and time window for their property visit.

- Our team will meet with the participants to discuss their flood challenges and project goals.
- Please provide any scheduling restrictions upon receipt of acceptance to the program. We will offer flexibility when possible.
- A member of our engineering team will conduct the visit.
- The focus will be on validating preliminary assessments, identifying site-specific constraints, and refining potential adaptation solutions.
- Participants will receive text updates regarding timing the day of their scheduled site visit.



ASSESSMENT PROCESS

Phase I Assessment Report

Participants will receive a final report outlining up to three tailored adaptation options based on their property's conditions, flood risk, and personal priorities. Each option will:

- Address different levels of intervention (e.g., small-scale, moderate, or comprehensive).
- Consider feasibility, cost implications, and potential trade-offs.
- Align with the participant's stated priorities and risk tolerance.



Figure 1A. View of existing openings on the back of the property.



Figure 1B. Rendering of proposed conditions (Alternative A implemented). Temporary barriers for openings installed.



ASSESSMENT PROCESS

Offboarding

Participants will then be scheduled for an offboarding call, where we will:

- Review the final report and discuss the strengths and limitations of each option.
- Answer questions and provide additional clarification on feasibility, permitting, and implementation.
- Offer guidance on next steps for executing the selected adaptation strategy.



NEXT STEPS AND FURTHER INFORMATION



Visit mbrisingabove.com/PPA

For program questions,
please contact:

MBRisingAbove@miamibeachfl.gov

305-673-7084

Amy Knowles, Chief Resilience Officer/
Environment and Sustainability Director

AmyKnowles@miamibeachfl.gov

Juanita Ballesteros, Sustainability & Resilience Manager

JuanitaBallesteros@miamibeachfl.gov

APPLICATION WINDOW OPEN NOW
THROUGH APRIL 25



THANK YOU

