



#### PRESENTED BY:

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South Florida Water Management District



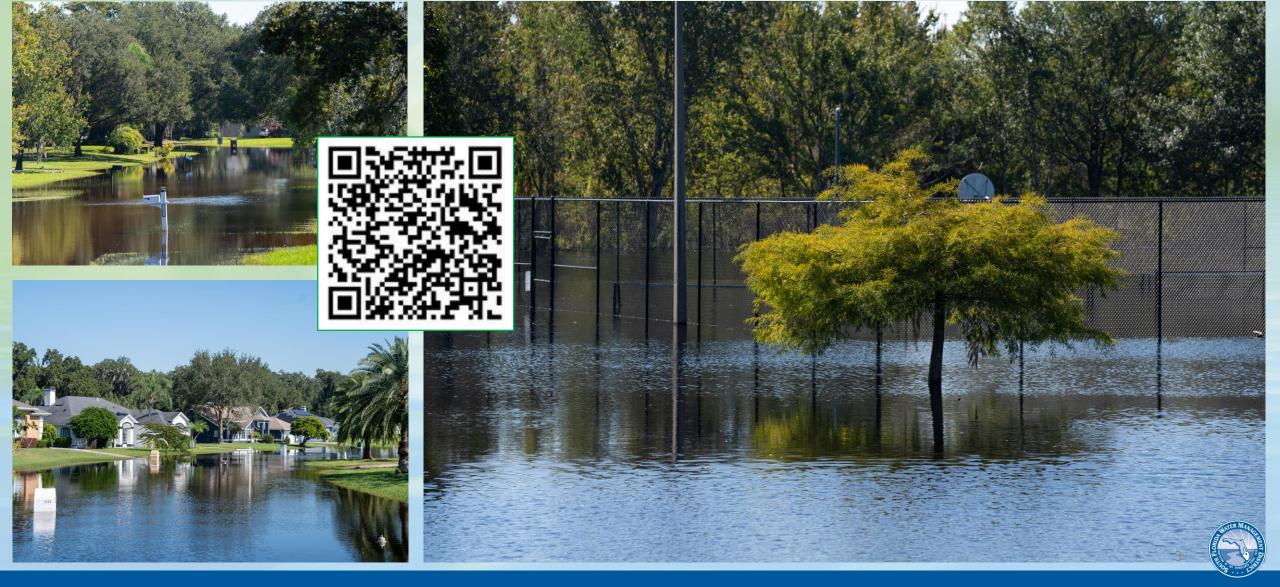
### Welcome Partners

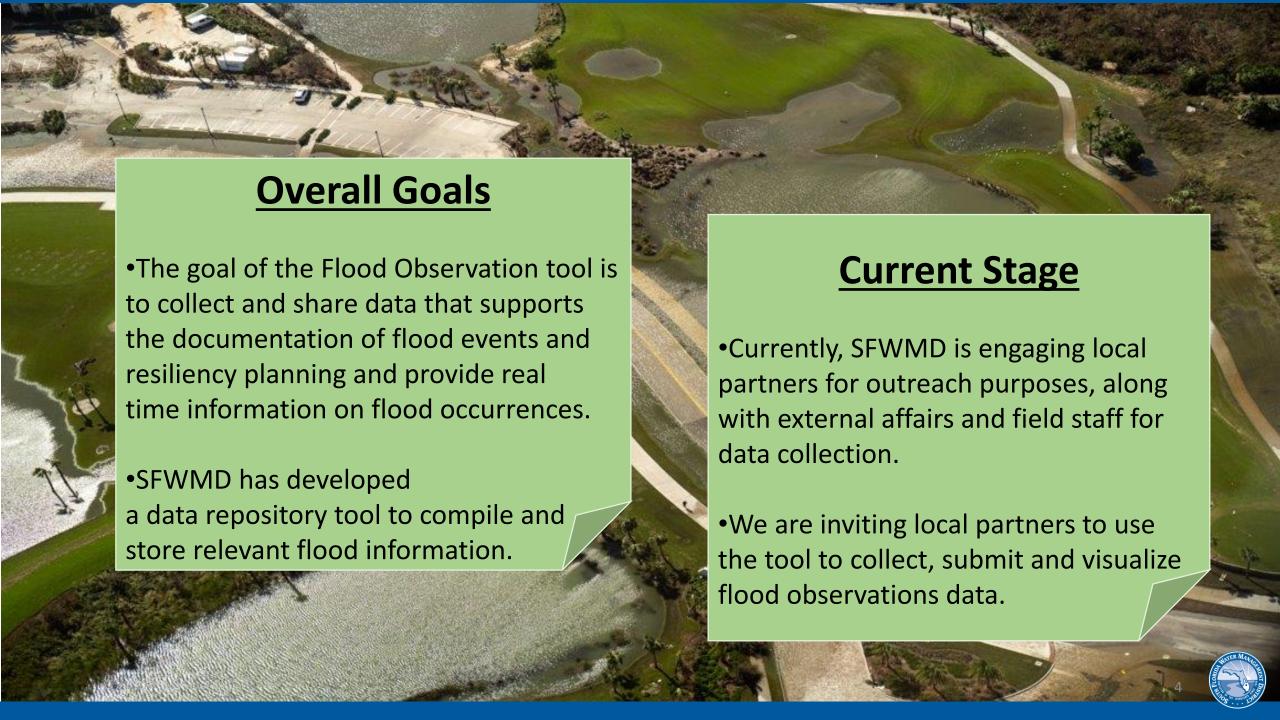
Join us in the collaboration of this new flood documentation tool.

Today we will be:

- ➤ Going through the "Report Flooding and Early Concerns" survey step-by-step.
- Discussing the importance of this tool and why we are looking for collaboration.
- Discussing what we will do with this data.







- All required questions are symbolized with a red asterisk "\*"
- Pictures can be taken directly from your mobile device by selecting the camera icon or photos can be uploaded by selecting files from your device or camera roll.

#### Report Flooding and Early Concerns



The information collected in this survey is used by agencies to better understand flooding conditions in Central and Southern Florida. This survey does not replace the need to contact your local drainage operator.

All flooding that poses a risk to your home or property should be reported to your local drainage operator. Life-threatening flooding should always be reported to 9-1-1.

To learn who to contact, go to SFWMD.gov/FloodControl and enter your address.

Questions with a red \* are required.

#### Photos (Optional)

Submit up to 3 photos.

Drop image here or select image (maximum number of files allowed: 3

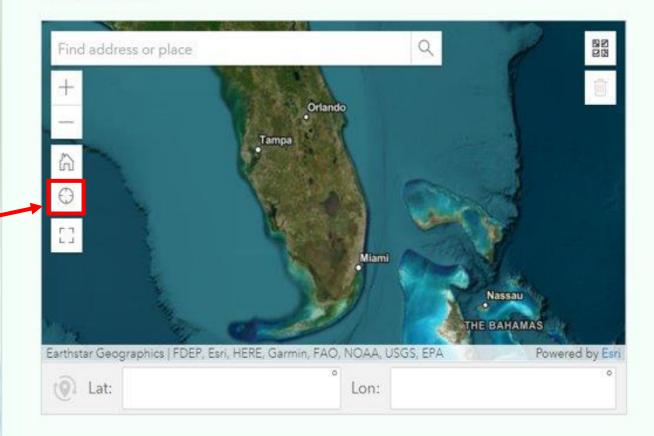




#### Identify the Flood Location

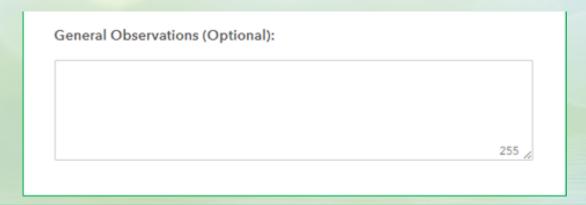
- Use the camera icon to take a picture. If location services are on for the camera device, the location will automatically be uploaded.
- Use the "Find My Location" icon then accept or adjust pin location.
- Enter an address or street crossroads then place a pin once location is verified.
- Use navigation tools to zoom in and out to identify the flooding location.

#### Flood Location\*





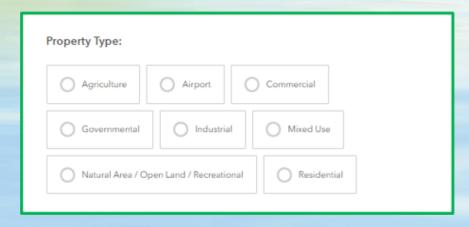
- Please use the "General Observations" box to share information.
- Select one of the corresponding options based on how deep the water is and if the location has flooded before.
- If you aren't sure of either of these answers, select "Don't Know / NA".

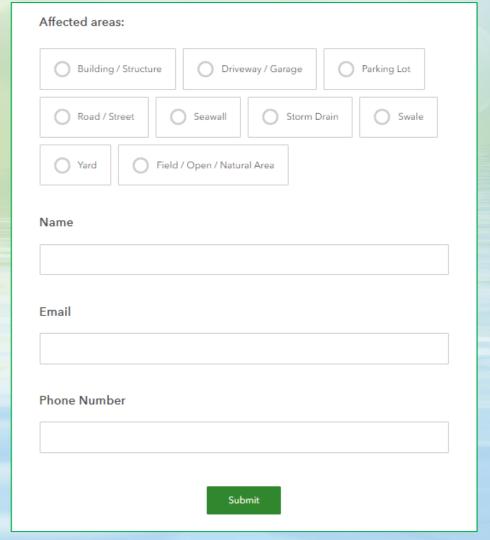


0				
Don't know / NA		Ankle deep	Knee deep	Greater than knee deep
	deep			
Has this locatio	on flooded befo	re?		
Has this locatio		re?		



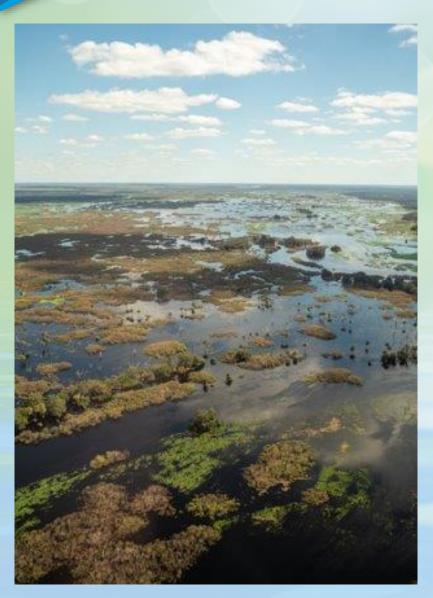
- Select the option that best describes the property type
- Select the option that best identifies the affected area.
- Provide your name, email, and phone number if you would like it associated with your survey submittal.





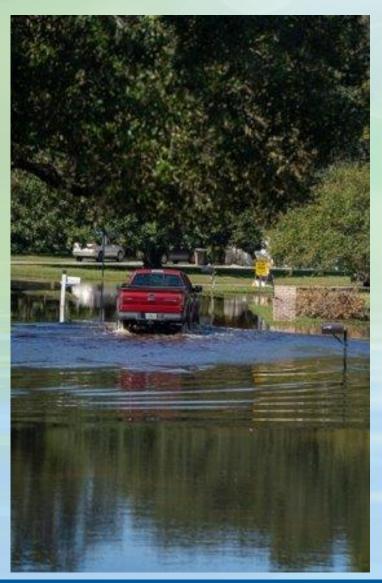


### WHY IS THIS IMPORTANT?



- As flood occurrences increase, the SFWMD is looking for better ways to know where it is occurring and how often.
- > SFWMD is seeking improved insights into how frequently and under what types of conditions flooding occurs.
- > SFWMD wants to improve communication, collaboration and coordination between Water Managers, county and city governments and local drainage districts on reported emerging conditions.
- SFWMD wants to provide resources to assist stakeholder agencies in the evaluation of conditions and the collection of information to assist with mitigation project planning and documentation.

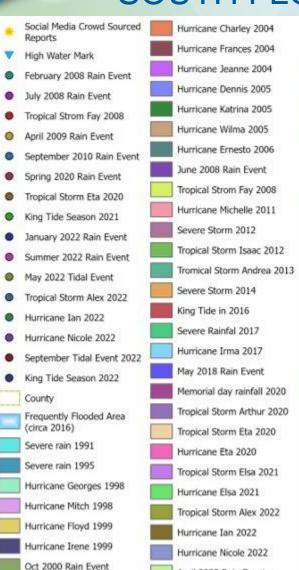
#### HOW WILL SUBMITTED FLOOD OBSERVATION INFORMATION BE USED?



- ➤ This information will be used to deploy additional resources to evaluate flood conditions and if appropriate mark and measure elevations associated with high water.
- This information is being incorporated into the new SFWMD flood information repository. This repository includes an inventory of the best available information on flood locations dating back to 1991 as well as the new information acquired going forward.
- Location information will be used in the Flood Protection Level of Service (FPLOS) modeling to calibrate and validate model simulated overland flood levels and in remote sensing analyses to validate estimated flood extension.
- Location information will be used in planning to identify areas most vulnerable to recurrent flooding.
- ➤ Flood Repository information will be made available to support grant applications and other initiatives that require documentation of past flood occurrences.



### SOUTH FLORIDA FLOOD INFORMATION RESOURCES



April 2023 Rain Event



#### Flood Data and Information

- Inventory of past flood documentation
- High Water Marks
- Flood Photos and Survey Information
- Estimated Flood extents mapped from satellite or other remotely sensed products

#### Real-Time Access to Information

- Emerging Conditions
- Stakeholder submitted flood observations

#### **Provide Regional Insights**

- Flood Occurrence and Recurrence
- Communities most vulnerable to flooding

#### **Provide Documentation**

- Mitigation Grants
- Model Calibration and Validation
- Mitigation Project Planning





### Sfwmd.gov/FloodResource

- ➤ Launched in November 2023
- ➤ Resource account creation enabled August 2024
- ➤ Training held August 16, 2024
- ≥ 138 stakeholders participated

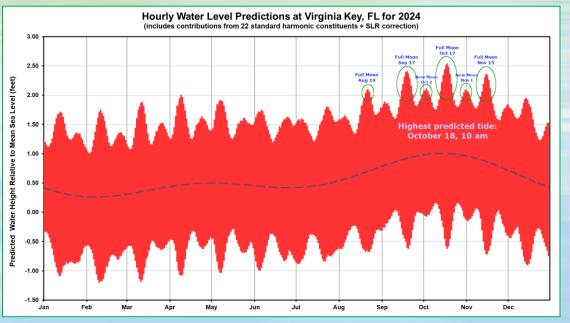
**Note:** Access to secured applications and information within the South Florida Flood Information Resource is granted based on organizational affiliation with a state agency, local government or 298 / Special District and is for use in documenting flood occurrence for resiliency adaptation / mitigation planning, hydrologic and hydraulic model calibration, economic assessment of flood damages, infrastructure design, and grant funding applications.



The same survey can be used to document any flood event including King Tides.

- As part of the 2024 King Tide Season, SFWMD is continuing efforts for the monitoring, operational response, and documentation of these events.
- SFWMD staff employs advanced tools, user-friendly apps, latest technology, and traditional methodologies to collect data, photos, and high-water marks to document flood conditions.









# QUESTIONS?