



## **Round Table of Volusia County Elected Officials**

### **Meeting Agenda**

**Monday, 9<sup>th</sup>, 2020**

**12-1:30 p.m. (Lunch served at 11:30 a.m.)**

**Dennis McGee Room**

**2<sup>nd</sup> Level**

**Daytona Beach International Airport**

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- I. Welcome and Introductions  
Chairman Bob Apgar, City of DeLand Mayor**
  - II. Pledge of Allegiance**
  - III. Flooding and Sea Level Rise in Volusia County and Introduction to the American Flood Coalition – The American Flood Coalition**
  - IV. Development of the long-range Transportation Plan – Lois Bollenback, Executive Director, River to Sea Transportation Planning Organization**
  - V. Affordable Housing Update – Dona Butler, Volusia County Community Services Director**
  - VI. Coronavirus (COVID-19) Presentation – Volusia County Department of Health**
  - VII. Subcommittees – Bob Apgar, Chairman**
  - VIII. Public Participation**
  - IX. Next Meeting Date**
  - X. Adjourn**



**AMERICAN FLOOD COALITION**

# American Flood Coalition

Volusia County Roundtable of Elected Officials

March 9, 2020

# We are the American Flood Coalition

A 501(c)3 nonprofit organization and nonpartisan coalition advocating for national solutions to flooding and sea level rise



**Federal  
Champions**



**Cities, Towns  
and Counties**



**Elected  
Officials**



**Businesses**



**Military  
Groups**



**Civic and  
Academic Groups**



# Florida Membership

## Our Florida coalition members



**11** federal champions



**58** cities and counties



**17** elected officials



**10** businesses and associations



**1** military group



Floridians know the sea is rising – our beaches are smaller and eroding, flooding is more frequent and threats to our fresh water are increasing. **It's a threat to our economy, our national security, and our environment.**

**Congressman Michael Waltz**  
**American Flood Coalition Federal Champion**





# 3 drivers of flooding affecting Florida

## Sea level rise

Sea level has risen almost 5" in Florida since 2000 and projected to **rise by another 10"** in **Volusia County by 2040.**

## Heavy rainfall

Heavy rainfall events are increasing across the state, and can combine with sea level rise and storm surge to create unprecedented flooding.

## Stronger storms

The proportion of tropical cyclones that reach **Category 4 and 5 will likely increase** over the coming century, and the impacts will worsen with sea level rise.

# Flooding and sea level rise matter to Florida's economy

## Sales tax revenue at risk

A record 126 million tourists visited Florida in 2019. Sea level rise poses a **threat to the tourism industry, which employs 1 million residents.**

## Agriculture

The state's second largest industry is at risk due to rising groundwater levels, in certain parts of the state, and changes in rainfall patterns.

## Main Street Impacts

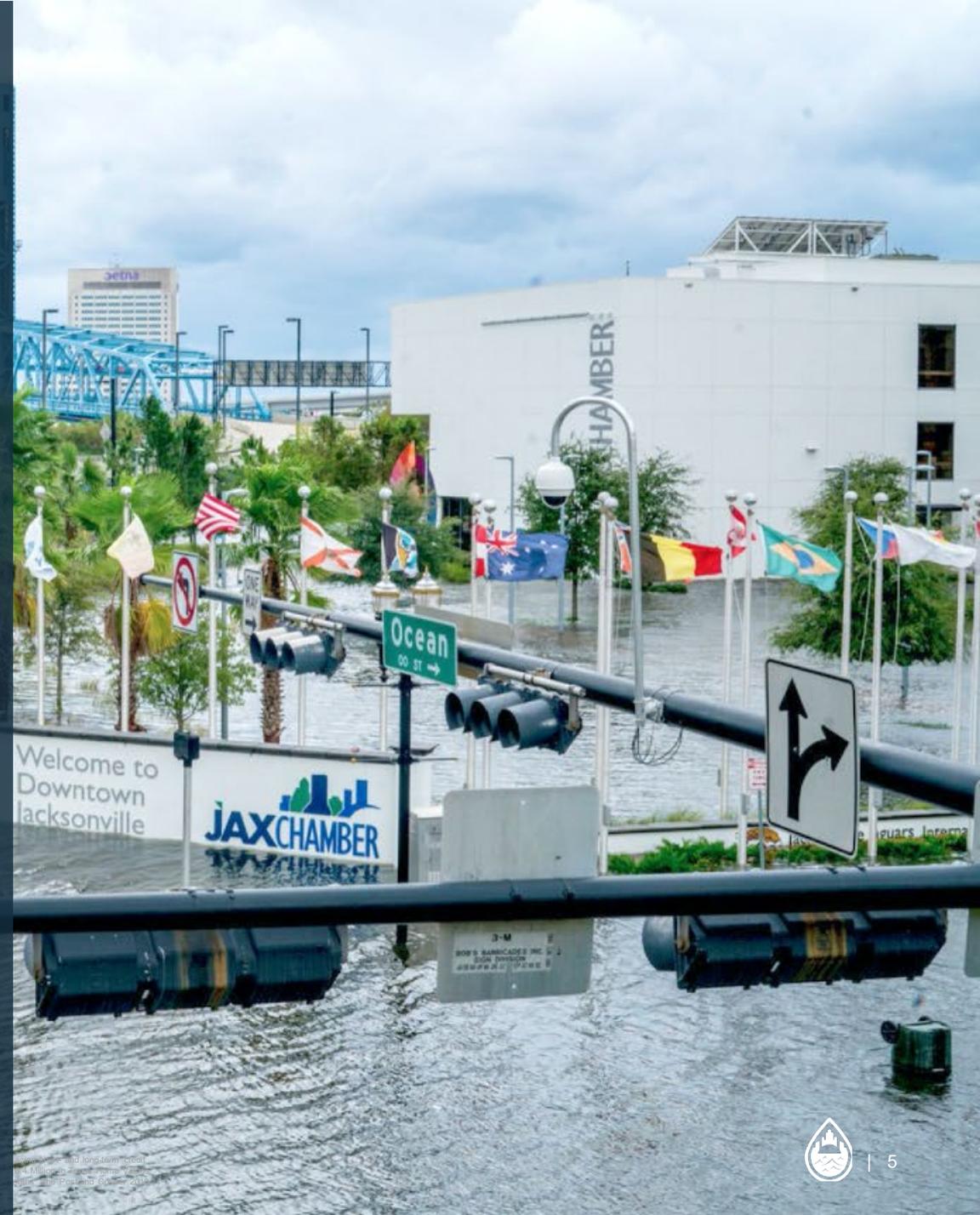
Nearly 40% of small businesses never reopen after a flood disaster.

## Property value at risk

Since 2005, Florida homes have lost a collective \$5.42 billion due to flooding, which will affect the revenue of local governments.

## Bond ratings

Moody's Investors Service includes flood risk in municipal credit assessments and stated in 2017 that the lack of sufficient adaptation strategies will be a growing negative credit factor.





# Flooding in Volusia County

## What we've seen:

- Hurricanes Matthew and Irma caused a combined total of over \$760 million of damage
- A rainstorm in May 2009 left properties in 2 ft of water and caused \$69 million of damage

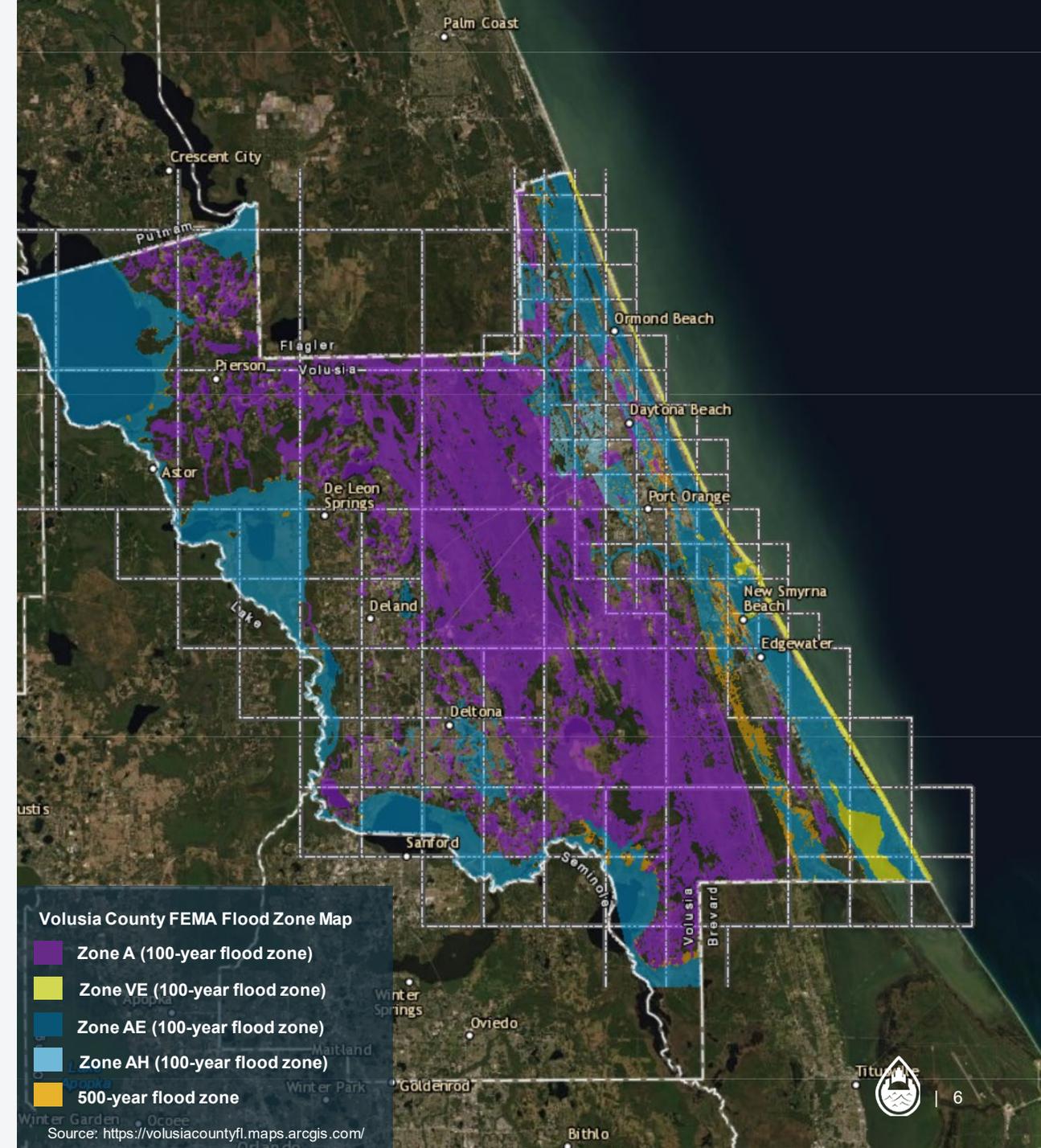
## What we can expect:

- Increasing risk of hurricanes and tropical storm events
- ~10 inches of sea level rise projected by 2040

## What's at risk:

*Within the 100-year floodplain, Volusia County has:*

- 122 critical facilities
- \$17 billion dollars in property value
- 30.9% of all parcels, equal to 41,928 structures



# What we offer



## Best-in-class educational guides

Scalable educational resources to meet our members' needs



## Tools for effective communication

Opportunities and tools for communicating about flooding with stakeholders at all levels



## Networks of leaders on flooding

Forum to connect virtually and in-person with other leaders and share learnings



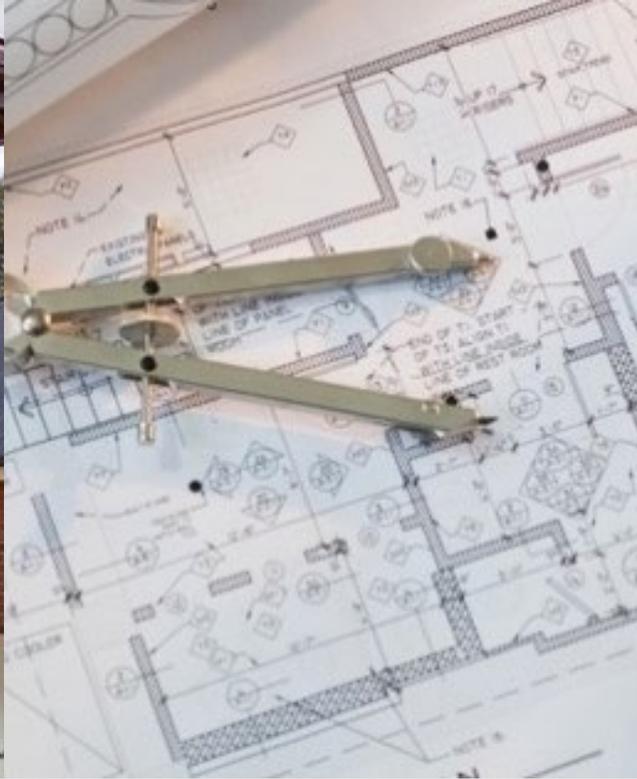
## Competitive local resilience pilots

Competitive local pilots that promote deeper engagement on flooding and sea level rise



## Platform for advocacy and education

Strong platform that makes local voices and needs heard at the federal level



## Our 4 pillars for coastal and inland solutions

### Economy

Invest in infrastructure that boosts the economy and protects property values

### Communities

Use smart planning to keep communities safe and save taxpayer dollars

### Rebuilding

Build back stronger to protect communities from future flooding

### Military

Ensure our military installations are ready to deploy 365 days a year

# The Miami Forever campaign

- Bilingual site [www.MiamiForever.org](http://www.MiamiForever.org)
- Produced 6 videos featuring local residents and business owners on sea level rise and the bond
- Created TV, radio, custom mailers and digital ads to educate the public



PASSED  
— 57% —  
in favor



1 in every 3 potential voters in Miami  
visited our site to learn about the bond



# We offer competitive in-kind engineering pilots for our member municipalities

## ATKINS



- **Learn flood risks and vulnerabilities:** Using the City Simulator, Atkins builds virtual model of a municipality to assess its vulnerability to flooding.
- **Measure exposure to various types of flooding over time:** Municipalities use the tool to view their exposure to various flooding scenarios into the future
- **Stress-test multiple flood mitigation strategies:** The tool allows users to test out different flood mitigation measures with multiple adaptation scenarios.
- **Arrive at a clear-eyed Flood Adaptation Assessment:** They tool will help municipalities understand costs and benefits of possible adaptation plans.



The Town of Surfside and City of Sunny Isles Beach are receiving in-kind engineering services through our partnership with Atkins Global Engineering.







# We provide best practices in adaptation

We track **best practices in adaptation** from **city and state plans** across the country



...and have gone deeper with some of our members to help them **sequence and prioritize** their **adaptation actions**



# Example actions to jump start resilience

Year 1

Year 2

Year 3

Staff

Identify gaps in staff **capacity**

Designate a **resilience lead**

Build **regional** collaboration

Community engagement

Publicly **commit** to addressing SLR

**Resident** engagement: town halls, workshops

Engage **business** community

Create a **strong resilience brand**

Funding & financing

Enroll in **NFIP CRS**

Review **state & federal funding**

Develop a FEMA **Hazard Mitigation Plan**

Review **municipal funding**

Determine **cost** of adaptation

Planning & projects

Implement **consistent sea level rise projection**

Catalogue existing **open space**

Review and update **zoning/ordinances**

Conduct **mapping & planning** to identify vulnerable areas

Identify **critical projects**

Review options for **stormwater retention**





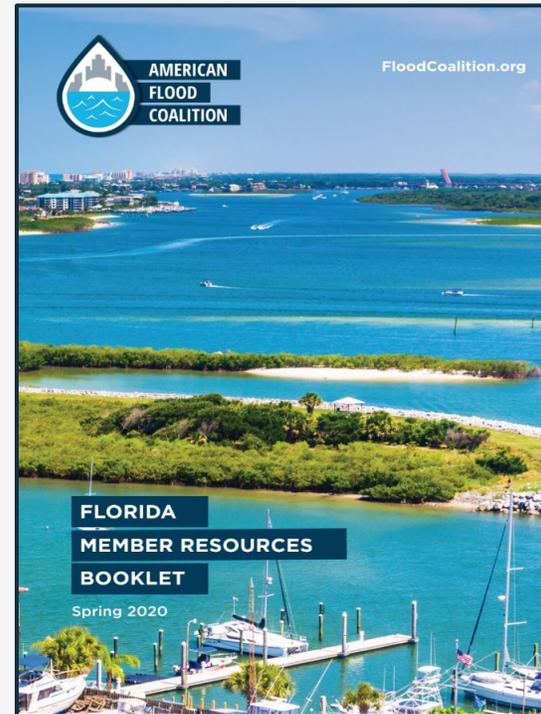
# We build informational resources and guides to assist our members

## Federal Funding Guide for Small Cities



- Includes **federal grant and technical assistance** programs
- Highlights programs that are most relevant to municipalities **<50,000 in population**

## Other Guides for Florida Members



Topics include:

- **Vulnerability assessments**
- **Seawall ordinances**
- **Seawall financing**
- **Jump-starting adaptation**
- **In-depth guides on key federal programs**



# Joining the coalition

## Free

There is no cost to be a coalition member

## Independent

Joining does not create legal ties or obligations

## Flexible

Join by your preferred method, such as Council Resolution or Executive Decision

## Simple

Let us know if you decide to join, and we'll guide you through the rest





AMERICAN FLOOD COALITION

# Contact us



**Anne Baker**

Coalition Outreach Manager  
anne@floodcoalition.org



**Dr. Alec Bogdanoff**

Florida Lead  
alec@floodcoalition.org



**Annabel Cryan**

Coalition Outreach Associate  
annabel@floodcoalition.org



# Department of Health

NOVEL CORONAVIRUS 2019  
(COVID-19)



# Presentation Overview

- COVID-19 outbreak
- Transmission and symptoms
- Treatment and testing
- Prevention
- Travel advisories
- Public health monitoring



# COVID-19 OUTBREAK



# COVID-19 Updates

- On March 1, the Florida Department of Health (DOH) reported Florida's first two cases of COVID-19 in Hillsborough and Manatee County residents.
- As a result, the Governor issued Executive Order 20-51, directing a Public Health Emergency and establishing Florida's Response Protocol for COVID-19.
- The State Surgeon General issued a Declaration of Public Health Emergency for the State of Florida.



# Outbreak of a New Coronavirus was Detected in Late 2019

- Respiratory illness outbreak first detected in Wuhan City, Hubei Province, China
- First cases linked to a seafood and live animal market
- Person-to-person spread
- Spread to other countries, including the United States
- As of 4 p.m., March 4:
  - 80 cases in U.S.
  - 2\* cases in Florida



# COVID-19

- The outbreak started in Wuhan, China, but cases have been identified in a growing number of other [locations internationally](#), including the United States.
  - Global case numbers are reported by the World Health Organization (WHO) in their coronavirus disease 2019 (COVID-19) situation report.
- The Centers for Disease Control and Prevention (CDC) reported community based transmission of the virus in California and Washington in late February 2020.

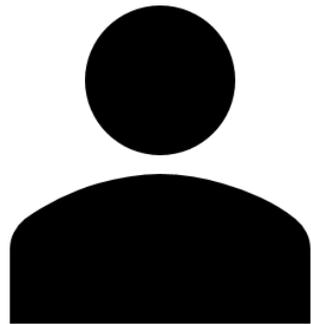


# TRANSMISSION AND SYMPTOMS



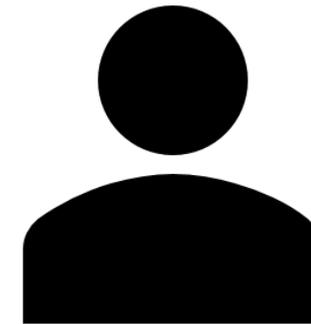
# COVID-19 Most Often Spreads from Person to Person

- Spread through respiratory droplets from an infected person who coughs or sneezes
- Spread among close contacts

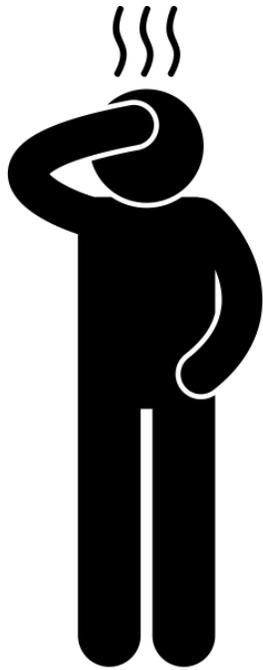


Within about 6 feet

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# Symptoms Can Appear 2-14 Days After Exposure



Fever



Cough



Difficulty  
Breathing



# TREATMENT AND TESTING



# No Specific Treatment for COVID-19 at This Time

The CDC recommends people who think they may have been exposed to COVID-19 should call their county health department immediately and self-isolate.



# Testing is Currently Only Available through Public Health

- The CDC developed a test for COVID-19.
- The DOH Bureau of Public Health Laboratories are testing with CDC's test kits.
- The Food and Drug Administration, who approved the test, requires that presumptive positive results are sent to CDC for confirmation.
- Commercial testing is not available yet.
- For persons who meet CDC and DOH criteria for COVID-19 testing, your health care provider can work with your local health department to test you.



# International Travel or Contact with a COVID-19 Case May Put You at Risk

- People who have traveled internationally in the last 14 days, especially to identified areas: <https://www.cdc.gov/coronavirus/2019-ncov/locations-confirmed-cases.html#map>.
- People who have had close contact with someone known to have COVID-19.
- Risks may change over time.
- For more information: [www.cdc.gov/coronavirus/2019-nCoV](http://www.cdc.gov/coronavirus/2019-nCoV).



# If you think you are at risk and have symptoms of fever, cough or difficulty breathing, take these steps:

- Call ahead to your health care provider and tell them about your travel or exposure and your symptoms.
  - You can only get COVID-19 from someone with the disease.
- Avoid contact with others.
- Do not travel while sick.
- Cover your mouth and nose when coughing or sneezing.
- Wash hands often with soap and water for at least 20 seconds, especially after coughing, sneezing or blowing your nose.



PREVENTION



# Prevent Infection by Following Routine Respiratory Disease Prevention Measures



Wash hands with soap and water



Use hand sanitizer with at least 60% alcohol



Avoid touching eyes, nose, and mouth, and avoid close contact with sick people



Stay home when sick



# TRAVEL ADVISORIES



# COVID-19 Travel Updates

- It is prudent for travelers who are sick to delay or avoid travel to affected areas.
- General recommendations for personal hygiene, cough etiquette and keeping a distance of at least one meter from persons showing symptoms remain particularly important for all travelers. These include:
  - Perform hand hygiene frequently
    - Hand hygiene includes either cleaning hands with soap and water or with an alcohol-based hand rub.
  - Cover your nose and mouth with a flexed elbow or paper tissue when coughing or sneezing and disposing immediately of the tissue and performing hand hygiene
  - Refrain from touching mouth and nose
  - A medical mask is not required if exhibiting no symptoms
    - If masks are to be worn, it is critical to follow best practices on how to wear, remove and dispose of them and on hand hygiene after removal.



# CDC Travel Advisories

To countries with sustained community or wide spread transmission.

As of March 2, 2020:

- China
- Iran
- South Korea
- Italy
- Japan

<https://www.cdc.gov/coronavirus/2019-ncov/travelers/index.html>



# CDC Provides a Health Alert for Travelers

**2019 nCoV CORONAVIRUS**

**HEALTH ALERT: *Travelers from China***  
There is an outbreak of respiratory illness in China.

**Travelers are required to be monitored for up to 14 days after leaving China.**

Some people may have their movement restricted or be asked to limit contact with others within this 14-day period.  
A health official will contact you to give additional instructions.

**Take your temperature with a thermometer twice a day and watch your health.**

If you develop a fever (100.4°F/38°C or higher), cough, or have difficulty breathing:

- Call ahead to your doctor or health official for medical advice before seeking care.
- Tell them your symptoms and that you were in China.
- Give them this card.

**Triage Staff/Clinicians:**

- Use standard, contact, and airborne precautions, and eye protection.
- Notify infection control and your state/local health department immediately.

For more information: [www.cdc.gov/nCoV](http://www.cdc.gov/nCoV)

CS 314423-D 02/02/2020



# PUBLIC HEALTH MONITORING



# DOH is Monitoring those Possibly Exposed

- Personnel at the agency's 67 county health departments (CHDs) and central office in Tallahassee work together to protect Floridians from emerging diseases.
- DOH receives information from CDC on U.S. citizens/residents/family returning from impacted areas.
- CHDs work with travelers to restrict their movement, monitor for illness, isolate persons with symptoms, and ensure health care providers use proper infection control techniques.



# DOH Monitoring Process

For people who may have been exposed, but have no symptoms:

- Monitor for symptoms for 14 days.
- Self isolate for 14 days.
  - Stay home as much as possible.
  - Avoid travel on publicly used vehicles, gathering with groups of people, and going out in public.
  - Excluded from work, school, and other public places.
- Follow provided education on prevention of spread.



# Those with Suspected or Confirmed COVID-19 are Asked to Take Precautions

- Immediately isolate at home or health care facility.
- Do not participate public activities such as work or school.
- Only travel by ambulance or private car and avoid public transportation.
- Always wear a mask when around other people or pets at home.
- Always cover your coughs and sneezes and clean your hands often.

[www.cdc.gov/coronavirus/index.html](http://www.cdc.gov/coronavirus/index.html)



# Immediate Risk to Americans Remains Low

- More cases in the U.S. are likely to be identified in the coming days.
- There is currently limited person-to-person spread in the community, but this may change.
- Everyone can do their part to prevent the spread of COVID-19 and other respiratory viruses.



# Use these Sources to Learn More

DOH Resources:

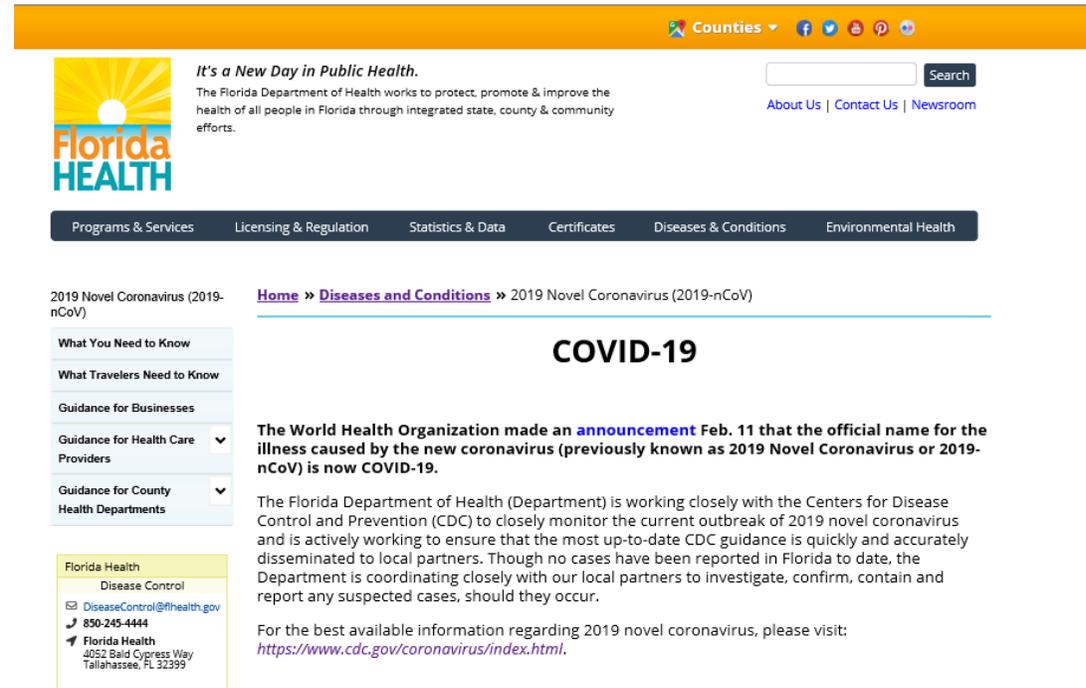
[FloridaHealth.gov/COVID-19](https://www.floridahealth.gov/COVID-19)

COVID-19 Call Center:

**1-866-779-6121**

Email:

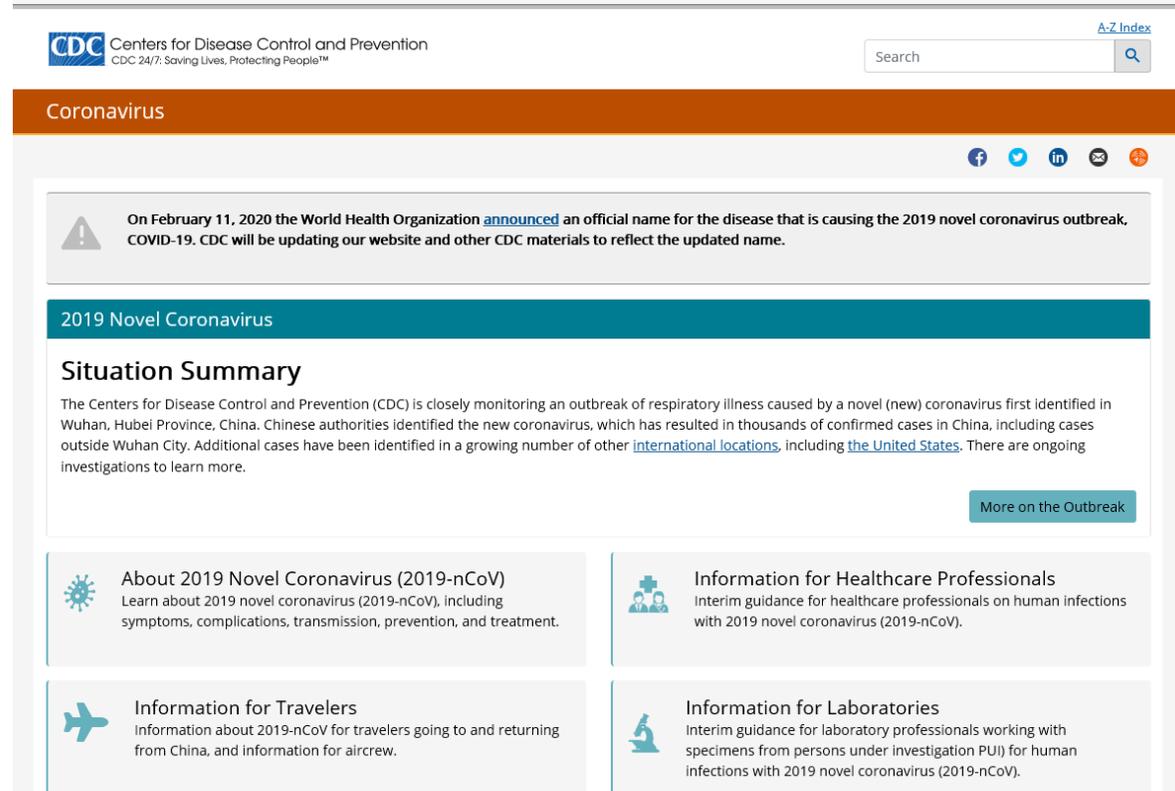
[COVID-19@flhealth.gov](mailto:COVID-19@flhealth.gov)



The screenshot shows the Florida Health website's COVID-19 page. At the top, there is a navigation bar with 'Counties' and social media icons. Below that is the Florida Health logo and a search bar. A main navigation menu includes 'Programs & Services', 'Licensing & Regulation', 'Statistics & Data', 'Certificates', 'Diseases & Conditions', and 'Environmental Health'. The page title is '2019 Novel Coronavirus (2019-nCoV)'. A sidebar on the left lists resources: 'What You Need to Know', 'What Travelers Need to Know', 'Guidance for Businesses', 'Guidance for Health Care Providers', and 'Guidance for County Health Departments'. The main content area is titled 'COVID-19' and features a bold announcement: 'The World Health Organization made an announcement Feb. 11 that the official name for the illness caused by the new coronavirus (previously known as 2019 Novel Coronavirus or 2019-nCoV) is now COVID-19.' Below this, a paragraph states that the Florida Department of Health is working with the CDC to monitor the outbreak. A link is provided for more information: <https://www.cdc.gov/coronavirus/index.html>. A list of links at the bottom includes: CDC-2019 Novel Coronavirus (2019-nCoV) <https://www.cdc.gov/coronavirus/index.html>, CDC-Symptoms and Diagnosis <https://www.cdc.gov/coronavirus/about/symptoms.html>, CDC-Situation Summary <https://www.cdc.gov/coronavirus/2019-ncov/summary.html>, and WHO-Novel Coronavirus (2019-nCoV) <https://www.who.int/emergencies/diseases/novel-coronavirus-2019>. A contact card for Florida Health Disease Control is also visible, listing the email [DiseaseControl@flhealth.gov](mailto:DiseaseControl@flhealth.gov), phone number 850-245-4444, and address: Florida Health, 4052 Bald Cypress Way, Tallahassee, FL 32399.



# Visit these Websites to Learn More



The screenshot shows the CDC website's Coronavirus page. At the top, the CDC logo and name are visible, along with a search bar and an 'A-Z Index' link. The page title is 'Coronavirus'. A prominent warning banner states: 'On February 11, 2020 the World Health Organization announced an official name for the disease that is causing the 2019 novel coronavirus outbreak, COVID-19. CDC will be updating our website and other CDC materials to reflect the updated name.' Below this, a teal header reads '2019 Novel Coronavirus'. The main section is titled 'Situation Summary' and contains the following text: 'The Centers for Disease Control and Prevention (CDC) is closely monitoring an outbreak of respiratory illness caused by a novel (new) coronavirus first identified in Wuhan, Hubei Province, China. Chinese authorities identified the new coronavirus, which has resulted in thousands of confirmed cases in China, including cases outside Wuhan City. Additional cases have been identified in a growing number of other international locations, including the United States. There are ongoing investigations to learn more.' A 'More on the Outbreak' button is located at the bottom right of this section. Below the summary are four informational cards: 'About 2019 Novel Coronavirus (2019-nCoV)' with a virus icon, 'Information for Healthcare Professionals' with a medical icon, 'Information for Travelers' with an airplane icon, and 'Information for Laboratories' with a microscope icon. Each card provides a brief description of the information available.

CDC Resources:

[www.cdc.gov/coronavirus](http://www.cdc.gov/coronavirus)



# Questions?

Holly Smith, DC  
Communications Mgr/Government Liaison  
Florida Department of Health  
March 9, 2020

