



**CAC Talk Title:**  
**Our Climate Has Changed and What We Can Do About It**

Not even a year ago in his Florida Climate Forecast for the next three decades, Bob Bunting, CEO of The Climate Adaptation Center (CAC) predicted an Ian-like storm to hit the Suncoast. The CAC also predicted the paths of hurricanes in the Gulf are expected to shift eastward meaning the West Coast of Florida can be a prime target for more intense and frequent storms. Here's what Bob will cover:

- There has been a dramatic shift in the climate since the 1990s
- The rate of warming has doubled since then and the rate of this rise is increasing
- The sea level has risen 9 inches already and 12 more inches of rise are expected by 2050 due to higher temperatures
- Weather disruptions have been increasing rapidly in response to the warmer temperature and rising seas
- Major hurricanes have *doubled*, and they are moving *half* as fast
- Longer, stronger winds are creating record flooding, record damage and record storm surges
- Hotter summers have created epic droughts that are devastating crops and creating more frequent water system failures
- The climate has changed...how can we adapt

*What we must do to mitigate the impact from these warming temperatures is clear and it is time to take serious action. We must come together as a community to adapt or the effects of the new climate reality will drastically change our way of life.*

**About Bob Bunting and the Climate Adaptation Center:**

Bob Bunting is a climate and atmospheric scientist, businessman and entrepreneur, who founded the [Climate Adaptation Center](#) in 2019. It is the first center of its kind to focus on reducing climate related risks and the only 501 (c) 3 in Florida dedicated to fighting the serious and harmful effects climate change has on ecosystems, water, and health. Long an advocate for fighting climate change, Bob has been following science, predicting storms, and studying the impact of climate warming for nearly five decades.

Bob has worked in government, industry and academe and was a lead forecaster for the National Weather Service and scientist for the National Oceanic and Atmospheric Administration (NOAA) and at the National Center for Atmospheric Research (NCAR). He was a director of the University Corporation for Atmospheric Research (UCAR) where he was a scientist and executive vice president. He also was cofounder of the UCAR Foundation where he commercialized technology used for atmospheric and climate research and founded the Corporate Affiliates Program.