



OCTOBER 2, 2018

CLIMATE SCIENCE 101: STATE OF OUR KNOWLEDGE ON CLIMATE CHANGE

Film Showing: NOVA’s Decoding the Weather Machine and Demo of 3-D model by Dr. Brad Rosenheim.

Disastrous hurricanes. Widespread droughts and wildfires. Withering heat. Extreme rainfall. It is hard not to conclude that something’s up with the weather, and many scientists agree. It’s the result of the weather machine itself—our climate—changing, becoming hotter and more erratic. **In this documentary, NOVA will cut through the confusion around climate change.** Why do scientists overwhelmingly agree that our climate is changing, and that human activity is causing it? How and when will it affect us through the weather we experience?

Brad Rosenheim, an associate professor of geological oceanography at USF, will be demonstrating a 3-D printed model of the Tampa Bay region using high resolution USGS data from the bay and from land. The model provides a tangible demonstration of the vulnerability of our coasts here in Tampa Bay, and answers the common question of why someone in Florida should care about what is happening in Antarctica.



**Presented at the
Boyd Hill Nature
Preserve
Education Center**

**1101 Country Club Way S.
St. Petersburg, FL 33705**

7 to 9 pm

**NOVA documentary
explores the science
of climate change
with up-to-date data
and modeling**

&

Dr. Brad Rosenheim

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