

**BBRRCT**  
**Issues and Directions .....**  
**Sea Level Rise - Now and for the**  
**Future**

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*Presented by*

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All of the low areas of the west side of Biscayne  
Bay were historically freshwater marsh

**ALL IT TAKES IS FRESH WATER !!**

The Deering Estate restoration project has  
successfully reproduced these marshes



Mangroves can't tolerate sea level surge  
rise over 9 inches per century  
But they do adapt to mitigation  
We're expecting Sea Level Rise  
20 inches in the next 50 years





The only way to buy south Florida time is an abundance of freshwater in the Everglades

That water needs to flow south to Florida Bay and East to Biscayne Bay

To do this, large portions of Miami Dade County that were built on lands that were previously Everglades WILL FLOOD

The LAW does not allow that at the present time

This will have to change

Building new developments in areas that are guaranteed to flood within the next 30 years should be prohibited.

New residential buildings on Miami Beach have to be built 2 feet above FEMA flood plane. The same should hold true for all of south Florida.

Commercial properties will be built to the same requirements with first floors ready for abandonment and second floors ready for habitation.

72+ pumps will be added to Miami Beach and sea walls raised

Use NAVD (North American Vertical Datum, 1988) instead of NGVD (National Geodetic Vertical Datum, 1929)

Rules regulating water discharge into  
Biscayne Bay will have to be changed!

Miami Beach will not be the only city needing  
to pump sea water back into the bay

Infrastructure pollution will leach into the Bay and  
Everglades as Sea Water degenerates its integrity....  
Think Mount Trashmore

New insurance regulations need to be established

Pay into relocation insurance, we know that we  
will be leaving

Carefully assess infrastructure expenditures. Spending  
huge sums of money on lost causes hurts doable projects

**DO NOT CONSTRUCT** the west Dade county  
seepage barrier wall, as we need our well fields  
and fresh water for Biscayne Bay!!

These are just a few issues we will face

I am in a room with a very diverse  
and talented group of people...

How about we talk focusing on our shared issue....

**OFF THE RECORD!**

**ANYONE?**