01/17/24

FLORIDA SEA GRANT'S 2024 SYMPOSIUM: SPOTLIGHTING UF'S ROLE



UF FLORIDA .



#FSGsymp24

@FloridaSeaGrant

Keynote Address

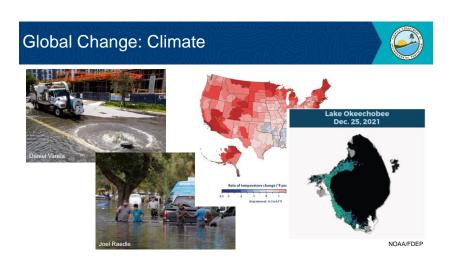
Dr. Mark Rains

Chief Science Officer, Florida DEP















Keynote Address By Dr. Mark Rains

What Was It Like?





What Was It Like?







What Was It Like?





3rd mile East on S. Bdry Sec. 33 45.00 To round pond surrounded by bay and cypress swamp, impracticable. Pond full of monstrous alligators. Counted fifty and stopped. Relinquished line.

Field Notes Vol. 220, Page 51 South boundary of Section 33, 47 South, 26 East Unnamed Pond Lee County 1872

What Was It Like?



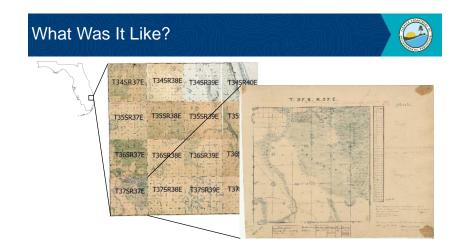


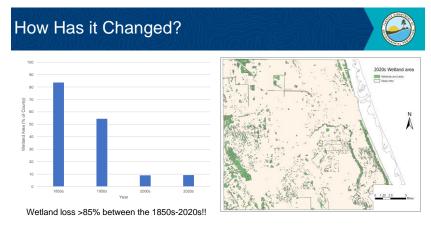
The warter is badd and soe is the bred In this here rechid swampe
Of the Choctawhatchee
Whar louse and murskeeters
And rats and Allegeatours
Abounde all arounde
So you cant pull off yore brichez.
J.W. (Joseph Wright)

Field Notes Vol. 87, Page 204 Subdivisions 3 North, 16 West Choctawhatchee River Washington County 1825

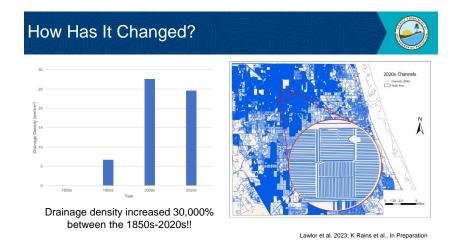
1/17/2024 KA 2

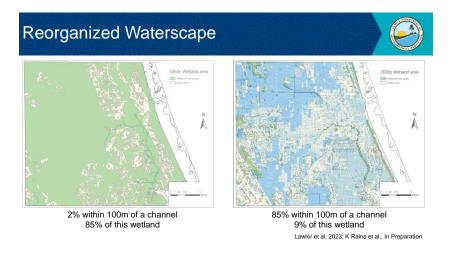
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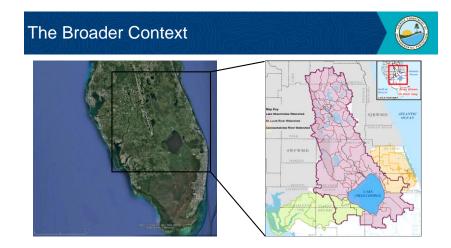


Lawlor et al. 2023; K Rains et al., In Preparation





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Seasonal and Spatial Variation in Algal Bloom
Frequencies in Lake Okeechobee, Florida, U.S.A.

Karl E. Havens,
South Florida Water Management
Florida: Implications for Eutrophication Management

Kerl E. Havens

Kerl E. Havens

State of Specific

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Ecological Responses of a Large Shallow Lake (Okeechobee, Florida) to Climate Change and Potential Future Hydrologic Regimes

Karl E. Havens - Alan D. Steinman

It Starts With Understanding...





It Starts With Understanding...





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...and Ends With Solving Problems













...and Ends With Solving Problems











- Known Conversions in St. Lucie Watershed (since 2000)
- >\$150M committed
- >21K conversions

...and Ends With Solving Problems















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