



FLORIDA HAB
STATE OF THE SCIENCE
SYMPOSIUM
THEN & NOW

Karenia brevis



Microcystis spp. cyanobacteria



2018 BLOOMS

Florida HABSOS

AUGUST 20 & 21, 2019, USGS ST. PETERSBURG

Networking
Knowledge
Gaps & Priorities
Outreach & Communication



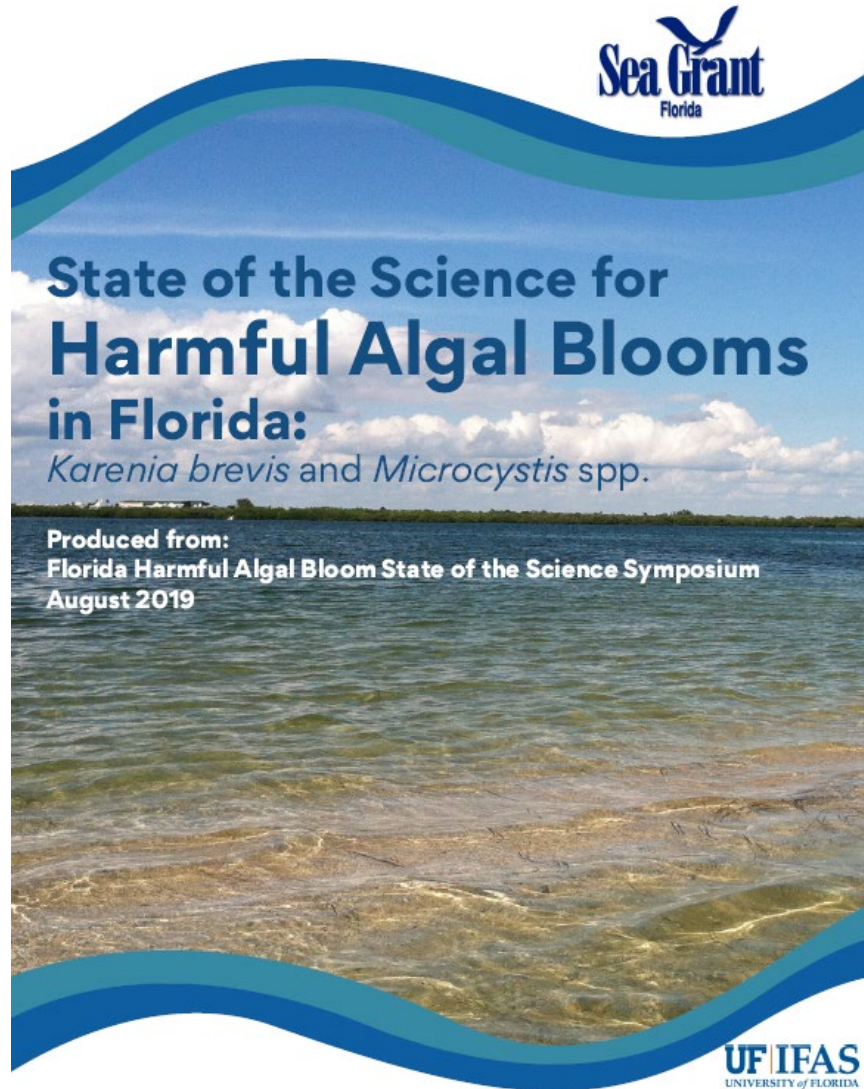
What we know
What we think we know
What we need to know

- I. Initiation, Development & Termination
- II. Prediction & Modeling
- III. Detection & Monitoring
- IV. Mitigation & Control
- V. Public Health

Emerging Issues

- Climate Change and HABs
- An Overview of Marine HABs in Florida

Present
Discuss
Prioritize



Consensus document

Introduction

HAB Summary

- HAB Research Priorities

Consensus statements and research priorities – 5 sessions

Communications summary



Florida BGASOS II

4 YEARS LATER – BUILDING FROM 2019

Exchange
Progress
Practices
Priorities

- I. Drivers of Bloom Initiation & Termination
- II. Prediction & Modeling
- III. Detection & Monitoring
- IV. Management & Mitigation
- V. Public Health

Blooms of concern

- VI. Pico- & nanocyanobacteria in the Indian River Lagoon
- VII. Benthic cyanoHABs

Present
Discuss
Prioritize

2023 State of the Science Consensus
document