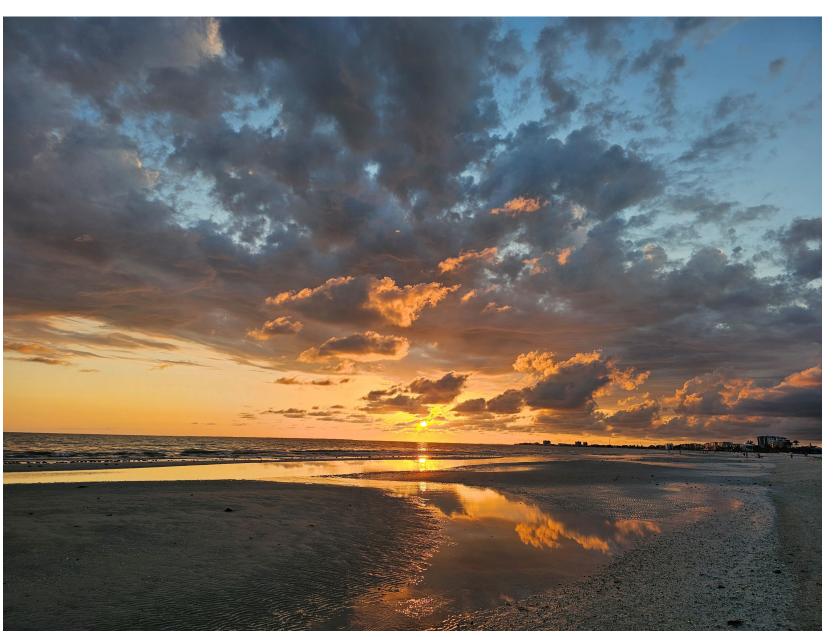


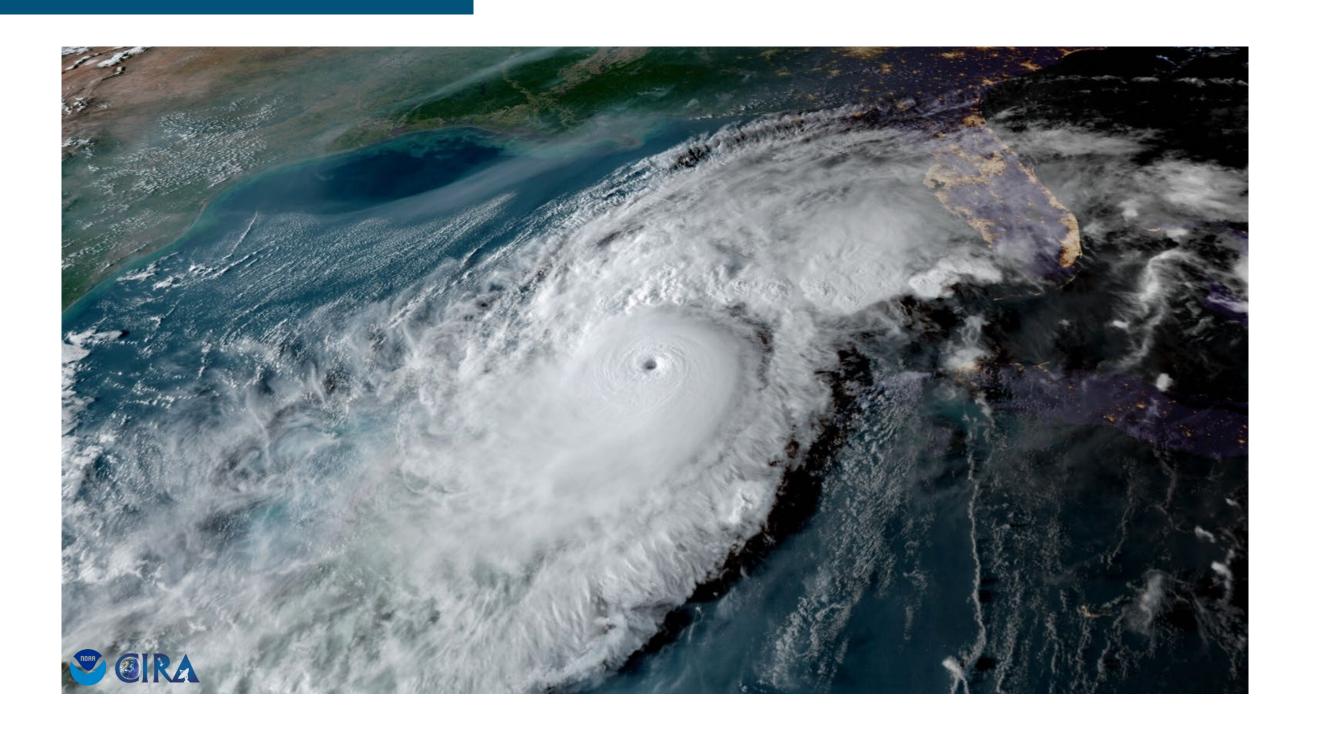
LIFE IN SOUTHWEST FLORIDA

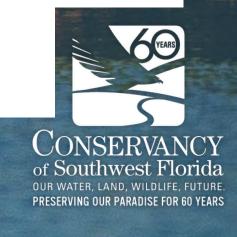




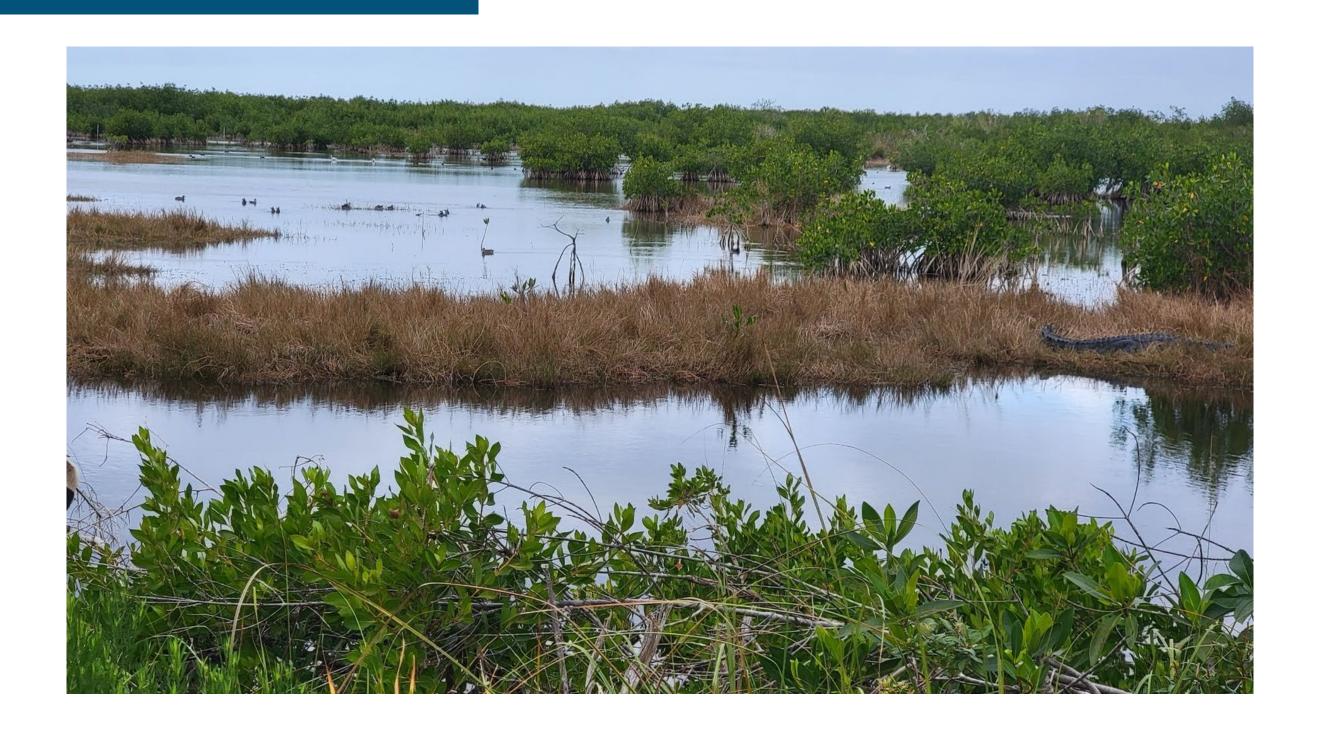


THE FORCE OF NA



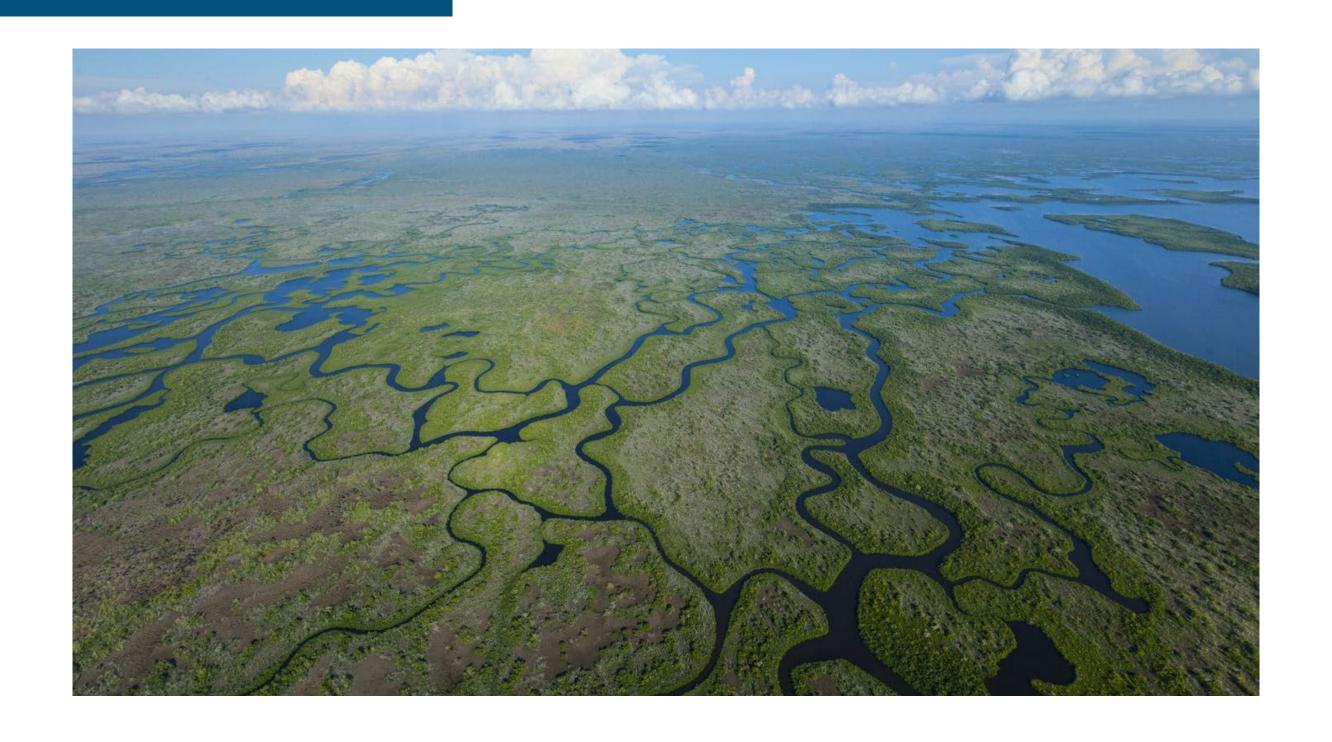


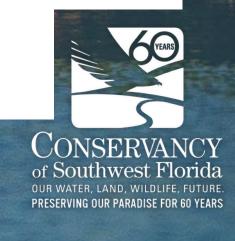
THE ROLE OF NAT





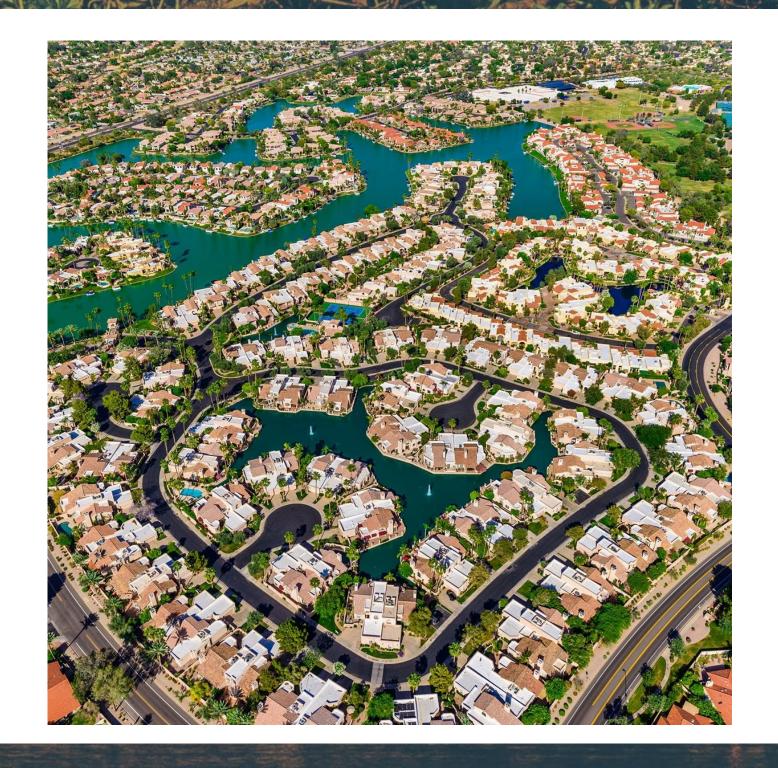
GROWTH MANAGEM





GROWTH MANAGEM







CLEAN WATER IS VITALTO THE ECONOMY OF SWFL













PARTNERS IN ACTION









MAKING THE CONNECTION: OUR WATER, ECONOMY AND QUALITY OF LIFE



APPROACH

of Florida's Gulf Coast A strategic roadmap for innovation and growth in the marine sciences cluster **COMMUNITY FOUNDATION** (2020) 50, 170-188

The Official Journal of the Southern Regional Science Assoc.

The Review of Regional Studies

Algal Blooms and Tourism: The ct to Counties in Southwest Flo

ent of Economics, University of Rhode Island, US

cent red tide bloom in the summer of 2018 served as a rida. The algal bloom decimated the coast, killing off sco eed to close, tourists and residents alike were no longer pros. This, however, has happened before. We consider four n in 2005, one in 2006, and the aforementioned bloom in 2018. A ant impacts on the economy. We examine the effects of two determine the magnitude of losses in taxable sales cause odel, we compare taxable sales in counties affected by red t t affected counties produce 5-7 percent and 1.5-2.5 percent l vely. If red tide blooms become more frequent and persis inue to grow. Policy and strategy to mitigate economics l effects of these algal blooms.

TION

ms (HABs) are almost always present in the Gulf v concentrations (Roberts, 1979; Pierce et al., 2005; the microscopic algae creep towards the shores of We o become a natural disaster, as damaging as hurricane t Southwestern Florida is typically known for. Karen ing from massive fish kills across species, to sharks,

nda Ross (Editor) and two anonymous referees for providing

y own.

PhD Student at the University of Rhode Island. Correspon

nal Science Association 2020



on Florida's Home Values

March 2015

Final Report

Contents lists available at ScienceDirect

Fisheries Research

Economics losses to fishery and seafood related businesses during harmful



FloridaRealto continuity of policies and the second of the mody known as red tike can nave a space and the can nave a space and the can nave a space and the can be also as a space as a space

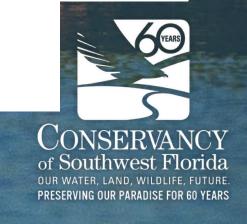
The harmful effects of red side can force beach docures, fishing restrictions, and even seashed and shellfish consumption (Forida Fish and Wildlish Conversation Commission (FWC), 2018). As a coastal tourism destination, Southwere Florida cities use the proutinity to the ocean to strate visitors with fresh seafood caught in the nearby waters of the Gulf A bloom severe enough to result in these restrictions on seashod could drive away visitors, and a persistent bloom that less for many days, even months, might force shutdowns long enough that seashed dealers by the shore cannot recuperate, and suffer significant to make the process to receive a HABs, and more specifically red dieds, are increasing in frequency, severity and persistency over time (FWC, 2019; Van in marine related industries (Evans and Jones, 2001). Oh and Diston.





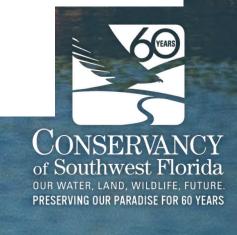
PROPERTYVALUES

County	Total parcels in county	Total Property Value (\$ billions)	Taxable Property Value	Parcels Within a Mile of a Waterway	Property Value w/in 1 mile (\$ billions)	Taxable Value w/in 1 mile (\$ billions)
Charlotte	213,510	\$39.4	\$22.6	45,798	\$13.9	\$4.2
Lee	558,023	\$180.6	\$112.6	117,774	\$60.6	\$19.1
Collier	288,581	\$185.3	\$122.2	57,401	\$84.5	\$33.9
Total	1,060,114	\$405.3	\$257.4	220,973	\$159.0	\$57.2

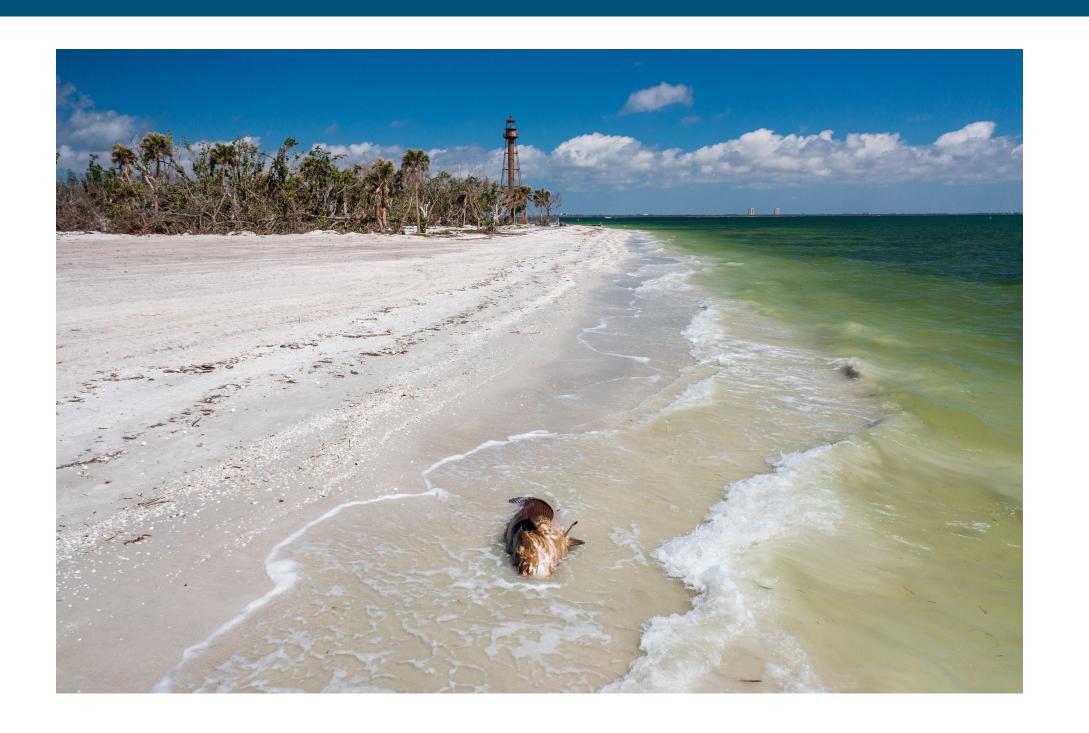


QUALITYOFLIFE

Activity	Charlotte County	Collier County	Lee County	Study Area
Saltwater Beach Activities	\$218,973,310	\$1,426,931.990	\$2,138,180,372	\$3,784,085,672
Saltwater Fishing	\$169,669 30		298772	\$2,756,778,158
Nature Study	\$185	\$1,753,049,671		
Freshwater Beach Activities		\$1,408,119,683		
Freshwater Boat Ramp Use	4	\$868,085,238		
Hiking	\$2	\$4,153,956,195		
Wildlife Viewing	Υ –	\$4,745,396,164		
Picnicking		\$2,162,793,399		
Paddling Activities		\$2,055,459,658		
Saltwater Boat Ramp Use	7	\$858,466,170		
Water Skiing/ Wakeboarding	\$16,771,713		822,211,	\$350,853,658
Freshwater Fishing	\$90,319,450	\$419,144,161	\$156,256,054	\$665,719,665
TOTAL	\$1,620,561,074	\$7,308,207,366	\$ 16,633,994,992	\$25,562,763,433



RESULTS: WATER QUALITY

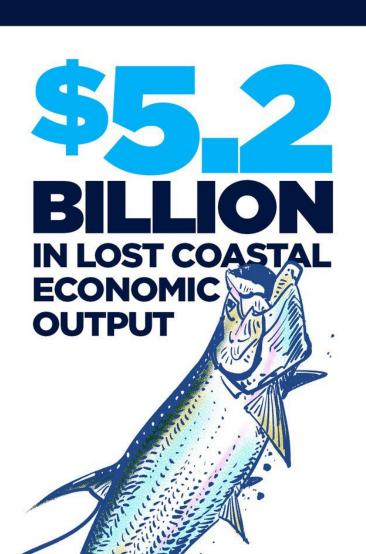




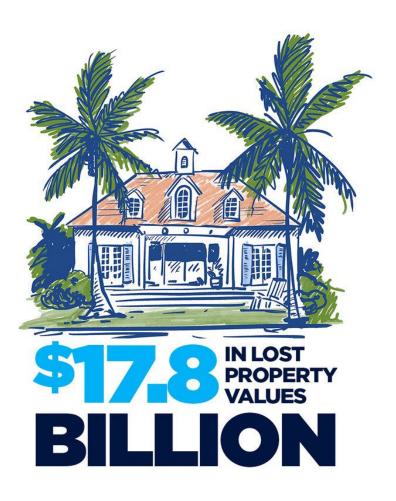


RESULTS: IMPACTOF HAB

A HARMFUL ALGAL BLOOM COULD COST SW FLORIDA:







43,094 LOST JOBS ECONOMY.

SOURCE: IMPACTS OF WATER QUALITY ON THE SOUTHWEST FLORIDA ECONOMY, GREENE ECONOMICS LLC 2023

SOURCE: IMPACTS OF WATER QUALITY ON THE SOUTHWEST FLORIDA ECONOM GREENE ECONOMICS LLC 2023



CONSERVANCY
of Southwest Florida
our water, land, wildlife, future.
PRESERVING OUR PARADISE FOR 60 YEARS

THANK YOU

CONNECT WITH US



Michele Arquette-Palermo Chief Program Officer michelea@conservancy.org



