Fish, Swim, and Play from 50 yards away...

(from birds nesting on islands and beaches)

Partners:

Coastal Bend Bays and Estuaries Program
Gulf Coast Bird Observatory
American Bird Conservancy
With support from Houston Audubon and Audubon Texas







Fish, Swim, & Play...



- Televised PSA Video
- Internet & Mobile Phone Advertising
- On-the-ground Education



Birds are threatened by our presence when they vocalize loudly and/or dive-bomb our heads.



MORE INFO

- 3 Regions
 - Corpus Christi
 - Televised, Print Ads
 - Greater Houston
 - Televised, Internet, Mobile Phone
 - San Antonio
 - Internet, Mobile Phone





Target Audience

- Boaters, fishermen
- Outdoor recreationists, coastal travel
- Educational surveys at boat ramps & marinas
 - Measure campaign effectiveness, public awareness
 - 2014: 169 surveys (369 people)
 - 5 counties & 3 states represented
 - Top 3: Brazoria (107), Ft Bend (20), Matagorda (16)



GCBO

2014 On-the-Ground

- GCBO managed dedicated intern on upper coast (\$8,350)
- 94 hours of volunteer time towards surveys & outreach (\$2,122)
- Nearly 100 hours of staff time towards efforts (\$1,500)
- 13 boat ramps & marinas targeted in Galveston Bay region
- "Breeding Birds of the Texas Coast, Fisherman's and Boater's Bird Guide"





Boat Ramp Locations

Boat Ramp Location	# of Surveys	# of Guides Distributed
Bastrop Marina	15	17
Blue Water Highway kayak launch	14	14
Bridge Bait boat ramp	11	19
Carancahua St. boat ramp	11	7
Chocolate Bayou	12	6
Dollar Point Marina	2	1
Fat Boy's boat ramp	13	16
FM 2918	35	34
Freeport Levee	6	4
Galveston boat ramp	2	3
River Bend Tavern & Marina	3	4
San Luis Pass County Park	37	69
Sargent	8	7
Total	169	201



CBBEP

2014 Corpus Christi Advertising

- \$7,500 spent + \$7,500 in-kind/gratis match = \$15K
- 2,419 spots ran on:
 - kiii-tv 3, South Texas
 - Kris Communications (4 stations)

Viamedia: CNN, Discovery Channel, Fox News, HGTV, Nick, Travel Channel,

The Weather Channel



Survey Results

	2012 (n=103)	2013 (n=148)	2014 (n=169)
Sources used by respondents to check weather	29% News 52% Internet 19% Radio	31% News 38% Internet 17% Radio 14% Smartphone	24% News 58% Internet 10% Radio 7% Smartphone
Times of day weather is checked	41% Morning 15% Afternoon 44% Evening	45% Morning 19% Afternoon 36% Evening	47% Morning 15% Afternoon 38% Evening

Note: Many respondents gave more than one answer. Percentages are based on total number of answers instead of total number of surveys





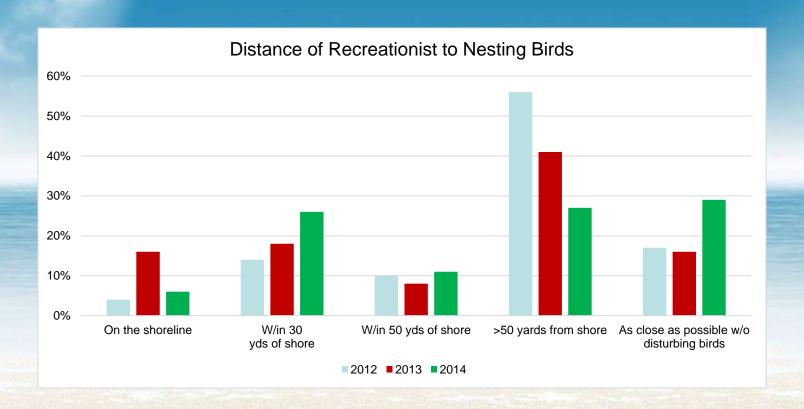


Survey Results

	2012 (n=103)	2013 (n=148)	2014 (n=169)
# of people aware of BNBs	220	238	258
Large groups of birds influence recreational distance	54%	78%	82%
Awareness of regulations	52%	57%	56%
Experienced territorial/mobbing behavior	32%	23%	13%

- People are aware and seem influenced by groups of birds
- People are not aware of behaviors associated with disturbed birds

How close would you fish or anchor to an island with groups of birds on them?



- Bias in answering > 50 yards?
- Recreate as close as possible

If you saw signs around an island with groups of birds (10-100 or more) that indicated a cautious approach or discouraged close anchoring (30-50 yds or less), what would you do?



- PSA awareness 2013: 15% aware (n=27; N=184)
 - Corpus Christi: 31% aware
 - Upper coast: 11% aware
- PSA awareness 2012: 8% aware (n=9, N=113)

Discussion

- Difference in costs between markets
- Challenges on-the-ground
 - Resources, survey volunteers
 - Funding: \$19,472 in 2014
- New conservation approach
 - Use in concert with on-the-ground community education and engagement

Questions?

Kacy Ray

American Bird Conservancy

kray@abcbirds.org

www.HelpGulfBirds.org

614.218.8838





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