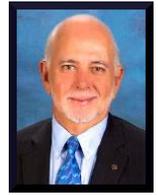
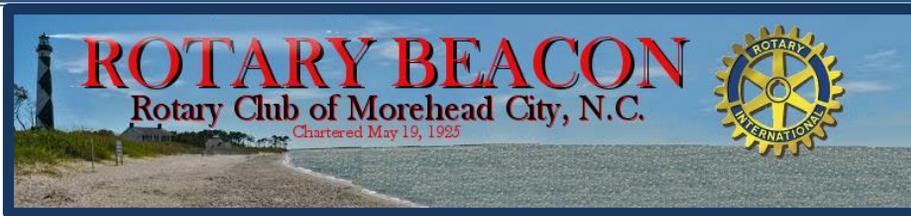




April Clark
District Governor
2018-2019



Barry Rassin
RI President
2018-2019

Sept 6, 2018

Rotary Motto: Service Above Self

District 7730, Club Number 6167

<http://rotarymhc.weebly.com/>

DR. JEFF BUCKEL, CENTER FOR MARINE SCIENCES and TECHNOLOGY

How many of the fish that we catch and release actually survive? That's the question that Dr. Jeff Buckel, a professor at the Department of Applied Ecology at CMST, wants answered.

There are four rates that matter to the sustainability of our fish population: reproduction, growth, natural mortality and fishing mortality. Fishing mortality is measured by counting landings at the dock and estimating "discard" or catch and release mortality. This release mortality number keeps growing. In 1980 there were 40 million fishing trips but in 2018 the number of fishing trips is estimated to be 80 million.



The survival rate of the fish caught and released depends on several factors including the depth at which the fish is caught, the length of time it takes to reel the fish in and wearing it out, whether the fish is trapped or caught with a hook and line, and the type of hook used.

Fish caught at greater than 30 meters (98 feet) experience barotrauma – physical damage to tissues from pressure – as they are pulled to the surface. Releasing the gas with venting tools before the fish is released helps the fish to survive. 86% of trapped fish survive but only 81% of those caught with a hook and line live.



Using a circle hook increases the odds of survival and generally stops deep hooks.

Taking care to keep the slime on the fish intact and holding the fish in the water to run water through the gills before letting go also helps to let them live another day.

Another really interesting presentation!



Ace of Spades - \$960
Winner gets \$480
Only 23 cards left!

Next Week: District Governor April Clark will visit our club.

Happy Birthday!

- Sep 5.....Johnny Thompson
- Sep 13.....Jim Garner
- Sep 24.....Gerald Renfrow
- Sep 26.....Rick Johnson

September 2018 – Programs

- Sep 6.....Dean McDonald
- Sep 13.....APRIL CLARK
- Sep 20..... Norm Rogers, CART
- Sep 27.....Herb Phillips

Our Club in Action



Part of starting our meeting.

2018-2019 Club Officers

- President.....Jim Gregson
- President-Elect.....Zack Phillips
- President-Nominee.....Steve Smith
- Secretary.....Johnny Thompson
- Treasurer.....Jim Garner
- Sergeant-at-Arms.....Gerald Renfrow
- Past President.....Rick Johnson

Club Committee Chairs

- Bulletin Editor.....Carolyn Perrigo
- Club Administration...Darden Eure, Jr
- Fund Raising.....Dean McDonald
- Membership.....Steve Smith
- Public Image.....Dick Rogers
- Rotary Foundation....James Walker, Jr
- Scholarship.....Stanley Harrell
- Service Projects.....David Bradley