



Join us for the

**2020 Meeting of the NC Chapter of the
American Fisheries Society
New Bern, NC**

February 4-6, 2020

at

New Bern Riverfront Convention Center



Call for Papers

Complete the attached abstract submission form. Attach the abstract submission form to an email with the subject line “NCAFS Meeting 2020 Abstract”. Email the form to program committee chair Ben Ricks at ben.ricks@ncwildlife.org. Abstract deadline is January 10, 2020. Authors will be notified of abstract receipt and acceptance by January 20, 2020.

Events

Feb. 4: Shrimp Boil & Social

Feb. 5: R Workshop

Feb. 5: Dinner, Raffle, & BEER!

Feb. 5—6: Presentations/Business Meeting



Hotel accommodations provided by [Bridge Pointe Hotel & Marina](#)

2020 NCAFS Workshop Announcement

An Introduction to R for Fisheries Professionals

Instructors: Dr. Jason Doll (Francis Marion University), Powell Wheeler, Seth Mycko, & Kyle Rachels (NCWRC)

Course Capacity: 40

The R Programming Language was developed by statisticians to manipulate, summarize, analyze, and visualize data and has become extremely popular in data-driven fields, such as Fisheries Science. R's popularity surge is due to its open-source nature. Similar to other open-source projects, R is available for anyone to use and redistribute without cost and license restrictions. In addition, R has attracted a community of developers that have created thousands of free add-on packages and a community of users that help beginners learn the language. For these and many other reasons, R has displaced traditional data analysis programs such as SAS and Microsoft Excel in many fields.

Because R is a programming language, learning it is more similar to learning a foreign language than a GUI-based point-and-click program. Although the learning curve is often described as 'long and steep', fluency with the basic commands is worth the effort and unlocks R's strength. The goal of this workshop is to accelerate the learning process for those interested in R. Participants will receive a basic overview of the origin of R, its uses, and the language. However, the primary focus will be hands-on coding as participants walk through a typical fisheries population analysis with real fisheries data. In addition, the workshop will direct participants towards internet resources for learning and provide a cheat-sheet to many basic language commands. Finally, the workshop will conclude with sage advice for the journey to R fluency!