

We R NYCAFS Workshop details

This year, we will offer a series of three R workshops leading up to our 2021 annual meeting. Each of the courses will be held during the evening to facilitate participation. Those who have never used R before (or maybe haven't used it in a long time) should plan to attend the Introduction to R and RStudio on Friday February 12. Others may choose to attend whichever interests them as experiences in one are not reliant on having attended the others.



All workshop materials (instructions, code, data, and additional resources) will be made available prior to each workshop. Participants are required to download and install software before the workshops. The workshops will be accessible at <https://danstich.github.io/we-r-nycafs/>.

Introduction to R and RStudio Friday February 12, 4:00 – 6:00 PM EST

In this session, we will introduce the basics of working with R and RStudio for data analysis and visualization. We will cover some basic syntax, how to read external data files, making data summaries, and basic plotting.

Fisheries statistics Friday February 19, 4:00 – 6:00 PM EST

In this session, we use skills developed in the introductory workshop to conduct some common fisheries analyses such as length-frequency analysis and proportional size distribution (PSD), length-weight regression, catch-curves, and growth curves.

GIS Applications in R Monday February 22, 4:00 – 6:00 PM EST

In this session, we will walk through the process of reading, merging, and displaying biological and geospatial data in R to create some basic maps.

Questions? Please feel free to reach out to the workshop instructor (Dan Stich: daniel.stich@oneonta.edu) before the workshop.