

# The Warnell Continuing Education Program

Daniel B. Warnell School of Forestry and Natural Resources

## Introduction to R for Ecological Data

August 24, 2023

Zoom Webinar

Instructors: Dr. James Johnson and Dr. Daniel Crawford



UNIVERSITY OF  
**GEORGIA**

Warnell School of Forestry  
& Natural Resources

### Purpose

This webinar course is offered as a single day introduction to R geared towards those working with ecological data. No prior knowledge of R is required. The course will not cover statistical analysis, but will act as a primer for those with minimal or no experience working in the R environment that want to learn the programming language, data formatting, exploration, and visualization. Course content, including R scripts and slide handouts, will be provided to all participants.

Note: A limited access recording of the course will be made available for those unable to attend the live webinar.

### Who Will Benefit?

Natural resource managers, students, researchers, biologists, ecologists, and wildlife professionals.

### Instructors

**Dr. James Johnson** is the Continuing Education Program Director with the Warnell School of Forestry and Natural Resources. He is a Certified Wildlife Biologist, has an MS in environmental sciences, and a PhD in wildlife ecology and management. James' research while at the Warnell School focused on developing a survey method for estimating white-tailed deer population parameters using camera traps.

**Dr. Daniel Crawford** is a Postdoctoral Research Associate with the Jones Center at Ichauway. Daniel completed his PhD with Texas A&M University-Kingsville and his research examines how predators affect white-tailed deer behavior using camera traps and telemetry data.

### Registration Fee

The fee for this 1-day webinar course is \$150.00 (normal rate), \$100.00 (student rate).

### Cancellations

In the event that you need to cancel, in order to receive a refund please contact Dr. James Johnson (706-308-6396 or [james.johnson26@uga.edu](mailto:james.johnson26@uga.edu)) by August 10, 2022.

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Thursday, August 24, 2023

Time	Session
9:00-9:10 AM*	Welcome and Introductions
9:10-9:40	What is R: Basic Concepts
9:40-10:00	Q&A - Break **
10:00-10:40	What is R: Advanced Concepts
10:40-11:00	Q&A - Break
11:00-11:40	RStudio Environment
11:40-12:00	Q&A - Break
12:00-1:00 PM	Lunch
1:00-1:40	Importing, Formatting, and Manipulating Data
1:40-2:00	Q&A - Break
2:00-2:40	Data Visualization
2:40-3:00	Q&A - Break
3:00-3:40	Spatial Data and Covariates
3:40-4:00	Q&A - Break
4:00-5:00	Open Discussion

Schedule is subject to change

\*Eastern Time Zone

\*\* All Q&A and Break sessions will be 10 minutes each

**Register online at**  
<http://conted.warnell.uga.edu>

### Continuing Education Credits

- Continuing Forestry Education (CFE) Hours - Category 1 (applied for)
- TWS professional credits - Category 1 (applied for)

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### Registration by Regular Mail

Name - please print

Preferred name for badge

Business mailing address or  Home address (please check one)

City State Zip County, if Georgia

Home phone Work phone Fax

Email address  Please send me e-mails about other Warnell Continuing Education programs.

Position Organization/employer

*By registering for this event I agree to comply with all event and lodging cancellation policies.*

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August 24, 2022

Normal Rate..... \$150.00

Student Rate..... \$100.00

Enclosed is a check # \_\_

(payable to Warnell School of Forestry and Natural Resources)

**Your registration will not be processed until payment is received.**

Mail payment to: Attn:

Anuj Sinha  
Warnell School of Forestry & Natural Resources  
University of Georgia  
180 East Green Street  
Athens, Georgia 30602