

ICON KEY

Introduction to Ecological Forecasting



Intro to Forecasting

Understanding Uncertainty in Ecological Forecasts



Forecast Uncertainty

Using Data to Improve Ecological Forecasts



Forecasts & Data

Using Ecological Forecasts to Guide Decision Making



Forecasts & Decisions

Module version: R Shiny or RMarkdown



START

Does your course emphasize applications of environmental science, such as resource management and decision-making?

No

Is teaching coding skills part of your curriculum goals?

No

Which statement best characterizes a learning objective of your course?

Students receive an overview of ecological forecasting.

Students think critically about model uncertainty.

Students understand how data can improve models.

Yes



Forecasts & Decisions

Yes

Do students already have experience reading and writing R code?

No

Yes

Choose from



Forecast Uncertainty

or



Forecasts & Data

and assign the independent coding activity provided with the Rmarkdown.

Choose from



or



and use the corresponding RMarkdown to reinforce module concepts in code.



Forecast Uncertainty



Forecasts & Data



Intro to Forecasting



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Forecast Uncertainty

Macrosystems EDDIE

Environmental Data-Driven Inquiry & Exploration in Macrosystems Ecology