Spatial Ecology in R

MEES698C (UMD)
BIO650-603 (FSU)

Fall 2022

Who we are

Emily Cohen

- Animal Migration

- Stopover Biology & Aeroecology

- Ornithology

Matt Fitzpatrick

- Spatial modeling of biodiversity in response to global change

- Biogeography and Macroecology

- Quantitative Ecology

Who you are…

1. Gayatri Anand (BISI)

2. Luke Degroote (MEES)

3. Maya Drzewicki (MEES)

4. Sarah Endyke (MEES)

5. Damani Eubanks (BISI)

6. Max Ferlauto (ENTOM)

7. Sabrina Groves (MEES)

8. Nicole Ibrahim (MEES)

9. Qianru Liao (MEES)

10. Brian Marx (MEES)

11. Megan Massa (App. Ecology & Con Bio.)

12. Marykate McHale (App. Ecology & Con Bio.)

13. Sarah Roth (MEES)

14. Alan Williams (MEES)

Please complete the google survey!

Textbook

Spatial Ecology and Conservation Modeling - Applications with R
R. Fletcher & M-J Fortin
Springer

On sale for ~ $110
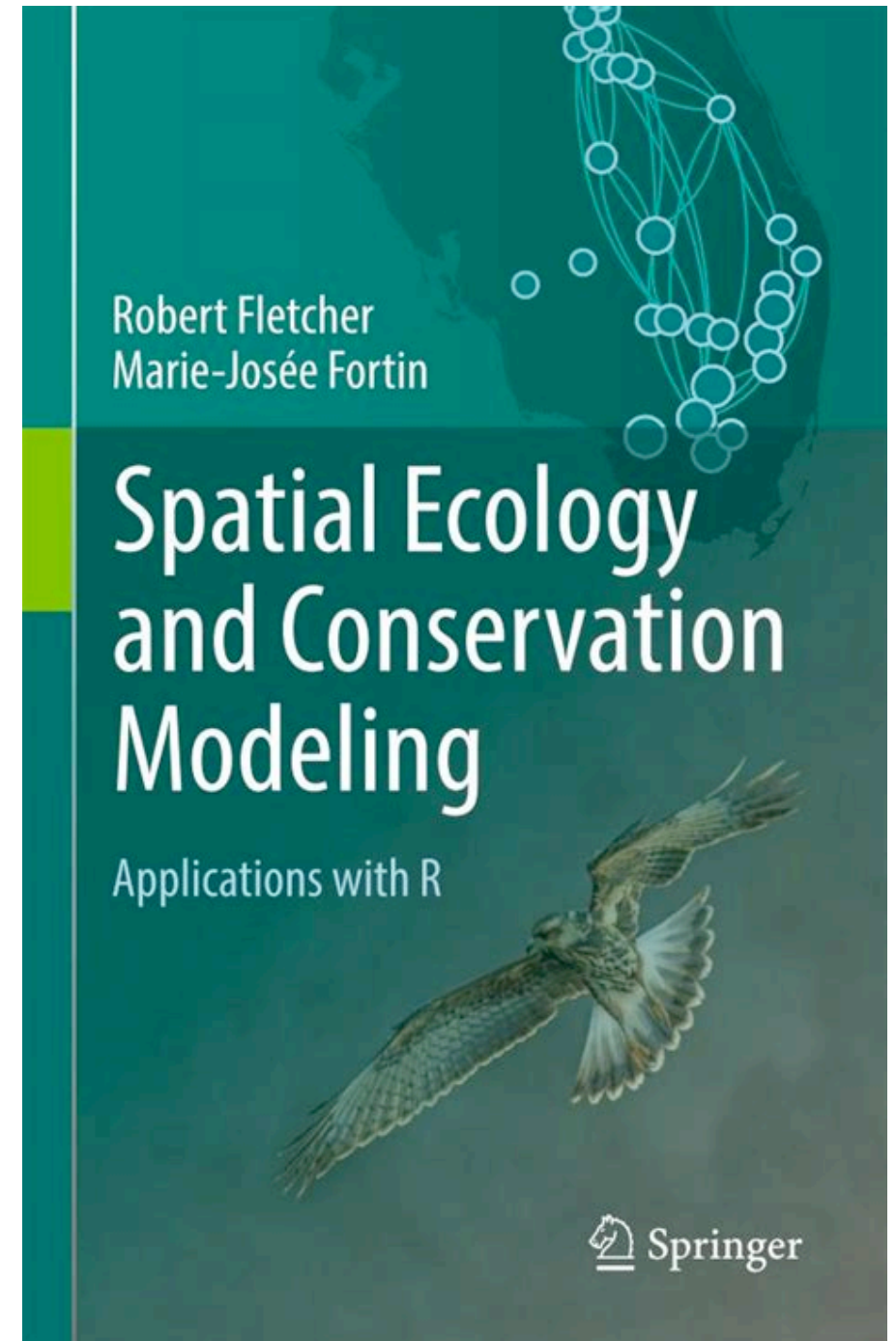
Important docs & places

- Google Drive - File / content sharing

- GitHub repository - R code / HW assignments

- Slack channel - for course messaging / communication

Software & user accounts

- R Studio

- R Spatial libraries

- GitHub

- Slack

Evaluation (grading)

- Class participation / Journal discussions (10%)

  - Come to class prepared, ask questions, etc

  - Journal discussions - submit evaluation, participate

- Homework (45%)

  - Lowest grade dropped, 25% deduction / day if late

- Capstone Project (45%)

  - Proposal, R code, Report, Presentation

  - We will schedule "reporting sessions" during the semester to encourage progress

Syllabus & Schedule