

Course overview

FISH 507 – Applied Time Series Analysis

Elizabeth (Eli) Holmes, Mark Scheuerell, Eric Ward

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Introductions

Who are we?

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Who & why you're here?

What are you looking to get from this class?

Days & times

- **Lectures**
 - When: Tues & Thurs from 1:30-2:50
 - Where: FSH 203
- **Computer lab**
 - When: Thurs from 3:00-3:50
 - Where: FSH 203

Grading

- **Weekly homework** (30% of total)
 - Assigned Thurs at the end of computer lab
 - Due by 5:00 PM the following Tues
 - Based on material from lecture & computer lab
- **Research project & paper** (40% of total)
 - Must involve some form of time series model(s)
 - Due by 11:59 PM PST on March 15
- **Two anonymous peer-reviews** (20% of total)
 - One review each for 2 colleague's papers
 - Due by 11:59 PM PST on March 21
- **Participation** (10%)
 - We expect to show up and interact

Expectations for final project

- Research paper or thesis chapter that you can turn into a peer-reviewed publication
- Ideally a solo effort, but you can work in pairs
- Focus on applied time series analysis (univariate or multivariate)
- Short format similar to “Report” in *Ecology* or “Rapid Communication” in *CJFAS*
 - Max of 20 pages, inclusive of refs, tables, figs, etc
 - 12-pt font, double-spaced throughout

Don't have time series data?

- [RAM Legacy](#)
- [RAM's Stock-Recruitment Database](#)
- [Global Population Dynamics Database](#)
- [NOAA NWFSC Salmon Population Summary](#)
- SAFS
 - Alaska Salmon Program
 - Lake Washington plankton

Course topics