

# ECL 290: Data Visualization & Communication

Fall 2023 CRN: 29675

Tue 1:10-2:30 PM | PES 2004

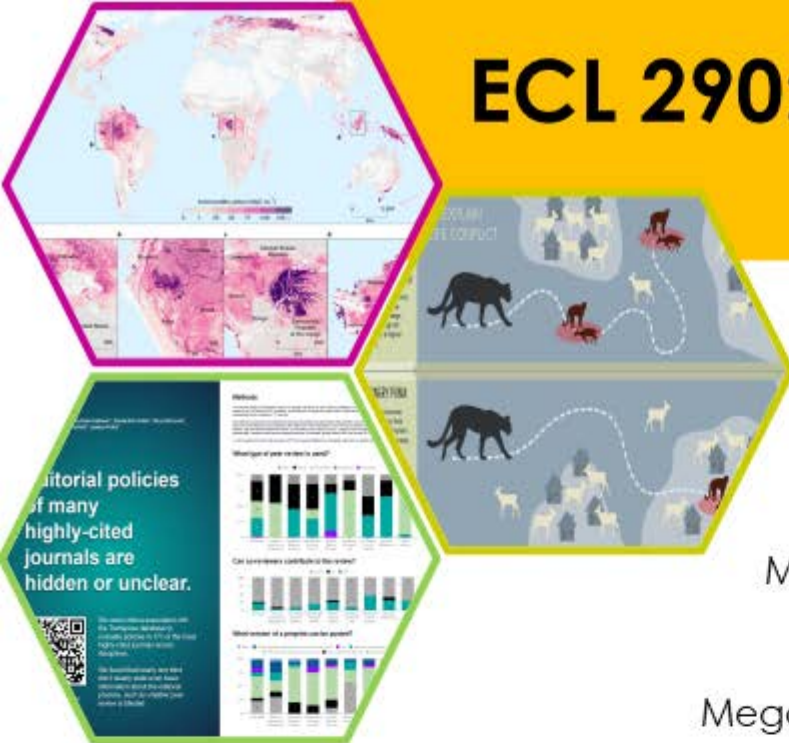
*Instructors:*

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Communicating our research and findings is an essential yet often overlooked component of the scientific process. In this 2-credit course, students will learn how to summarize, display, and share their research through compelling visualizations including figures, infographics and graphical abstracts, posters, slideshows, mixed-media art, and more. We will also discuss ethics and best-practices surrounding science communications. This weekly seminar (1.5 hours) will comprise of guest presentations and student-led discussion.

Throughout the course, students will have the opportunity to apply the skills and approaches they learn in class to their own research in order to develop unique visualization products. Students will present and receive feedback on their drafts of conference presentations or posters, figures, or other forms of communication they learn in class and apply to their own datasets in order to develop unique visualization products.

**\*Class max: 15**  
**All levels of experience & backgrounds are welcome!**

