ENST 495: The Urban Ocean

Senior Seminar in Environmental Studies (4.0 units), section 33067D

Professor: Sean Fraga, Ph.D. **Email:** <u>sfraga@usc.edu</u>. Name: FROG-uh. **Pronouns:** he/him.

Seminar meetings: Fridays, 10:00am – 11:50am in ROOM TBA

Office hours: Tuesdays and Thursdays, 3:30pm – 4:30pm, in CAS 112.

I invite you to meet with me during office hours. Bring questions! I'm happy to discuss course topics, recommend readings, or help with your research.

Ahoy! We embark on an interdisciplinary exploration of the urban ocean, using the greater Los Angeles region as our case study. We begin by defining the urban ocean and its relationship with nature. We then discuss how sea-level rise is impacting coastal communities. Next, we consider the three largest components of Los Angeles's own blue economy: beach tourism, containerized shipping, and offshore energy production. We conclude with a discussion of how activism by Tongva and Chumash people is reshaping conservation policy around the urban ocean. Two field trips—to Catalina Island and to Santa Monica—enable us to carry our discussions out of the classroom and onto (and into!) the urban ocean itself.

The interdisciplinarity of Environmental Studies is productively challenging. Although we share an object of study, we each approach it with different methods, tools, and questions. As the Environmental Studies senior seminar, this course answers this challenge in two ways. First, our readings each week are deliberately drawn from different disciplines, prompting us to find connections between the arts, humanities, social sciences, and natural sciences.

Second, and more importantly, this course is about *your* research interests and goals. The urban ocean is our shared object of study. How will you approach it? Five major assignments guide you. You'll first introduce yourself as a scholar with a statement of learning goals. Next, you'll contribute to the conversation around a pressing environmental problem broadly related to the urban ocean by proposing a research question, undertaking original research to answer it, and adapting your argument into a short, compelling presentation. Finally, you'll reflect on your work in our course. I will be your guide and adviser as you develop your research project.

This syllabus provides you with course policies, all major assignments and deadlines, and our reading schedule. Please read it in full and look here first for information about our course. You are responsible for meeting the obligations and deadlines detailed below.

ASSIGNMENT SUBMISSION

Submit all course work via this Google Form: https://forms.gle/PcXu1PwV7fQw8JvG7

COURSE OBJECTIVES

Students will...

- <u>ask questions:</u> by identifying and interrogating meaningful issues in the relationship between humans and nature, especially in relation to urbanized coastal environments
- <u>do research</u>: by finding, evaluating, interpreting, and applying diverse forms of credible evidence, including quantitative and qualitative data
- conduct analysis: by applying tools from multiple disciplines to complex problems

- <u>show why it matters:</u> by demonstrating how their research and analysis contribute to an existing scholarly and/or public discourse surrounding a complex environmental problem
- <u>work together:</u> by collaborating with colleagues to identify, understand, and propose solutions to complex environmental problems

COURSE EXPECTATIONS

- **Engagement:** We have a lot to cover! Every class matters. I expect you to attend all class meetings and to complete the reading and written assignments on schedule. This course moves fast—missing two or more classes may put you at risk of failing the course. If you expect to miss a class, email me with your plans to make it up and stay on track.
- Participation: We'll use computers selectively. Sometimes we'll work together in Google Docs, and sometimes we'll focus on live discussion. When you're in class, please minimize computer distractions by muting, hiding, or logging out of email, messaging, and social media.
- Originality: I'm excited to know what *you* think about what you read and research. To that end, I expect you to produce your own work and to appropriately cite work by other writers, consistent with the rules outlined in *The USC Student Handbook*. Note: Text generated partly or entirely by AI (such as ChatGPT, Gemini, or Bing) doesn't meet my standards for originality.
- Timeliness: I expect you to meet your deadlines. That said, in most cases, quality is more important to us than punctuality. If you think you won't be able to meet a deadline, email me with a new proposed deadline and your plans for staying on track.
- Self-advocacy: What do I need to know to help you succeed in this course?

COURSE ASSIGNMENTS

Participation assignments

- Share your quotations and questions. For each reading or video, submit one quotation that stood out to you and one question by 11:59pm on the day before our class meets. Do you disagree with the author? What about the reading surprised you, or helped you see something in a new way? What connections do you see with previous readings? Share these via this Google Form: forms.gle/e515dC72svoEArCv7
- Cultivate our discussions. Each of us has something to offer: Come prepared to talk in class by asking a question, dissecting an author's argument, or forging a connection between course readings. And each of us has something to learn: Come ready to listen, to invite your colleagues into conversation, and to respectfully disagree.
- **Meet with colleagues.** You'll meet with colleagues outside of class to discuss drafts of your work. After each meeting, send me an email (~100 words) summarizing your discussion, identifying the single most helpful suggestion, and describing your plans for next steps.

Writing assignments

There are five primary writing assignments.

Assignment #1: Statement of learning goals (2–3 pages, double-spaced) What do you want to learn in this class, and why? Use this statement to introduce

yourself as a student and scholar. What does environmental studies mean to you? How do you practice environmental studies? How does this class fit into your scholarly and professional trajectory? What past work are you interested in drawing on in this class? What skills are you interested in developing? What about urbanized coastal environments interests you?

Your statement is due by 11:59pm on Tuesday, September 3. Email me a PDF.

Assignment #2: Research proposal (2–3 pages, double-spaced)

What environmental problem broadly related to the urban ocean do you want to research, and why? In your proposal, (1) articulate the problem you see, (2) briefly summarize past work to research or solve this problem, (3) identify the types of data or evidence you plan to collect and analyze, and (4) outline how your proposed research will contribute something new to the conversation surrounding this problem. Use your proposal's conclusion to present the questions you have at this stage in your research.

Your research proposal is due by 11:59pm on Monday, September 16. Email me a PDF.

Assignment #3: Research project (8–10 pages, double-spaced, or equivalent)

What environmental problem broadly related to the urban ocean do you see as particularly important, and how can your original research make a substantive contribution to the conversation surrounding this problem?

Your research project may take the form of a traditional academic essay, or you may present your research and arguments in a different form (such as a StoryMap, podcast script, YouTube explainer video, or other container). The strongest projects will use the form and arguments to reinforce each other. I welcome creative approaches, and I am happy to discuss possibilities for your research.

Your draft of your research project is due by **11:59pm on Monday, October 21.** Email me a PDF and cover letter.

Your revisions to your research project are due by **11:59pm on Monday, November 18.** Email me a PDF and cover letter.

Assignment #4: Research presentation (6 minutes total: 6 slides, 1 minute per slide)

How can you reframe your research, analysis, and argument in a short, compelling presentation to your colleagues? As with your research proposal, you'll want to you provide your audience with context; as with your research project, you'll want to demonstrate how your work contributes to the conversation. Be prepared for questions.

Your presentation is due by **11:59pm on Wednesday, December 4**. Email me a PDF and cover letter.

Assignment #5: Course reflection (2–3 pages, double-spaced)

Use this space to reflect on your work in our course. To prepare, read back over your statement of learning goals, your cover letters, and your notes from meetings with me and your colleagues.

First, where have you done the strongest work for this course? What skills have you learned? How did your performance improve over the course of the term? Describe what you think you have done most successfully in our course and explain why.

Second, what did you find most challenging about this course? How did you approach these challenges? What could you have done differently to get more out of the course? What

will you continue to work on in future classes or beyond USC?

Finally, what grade has your work in our course earned, and why?

Your course reflection is due by 11:59pm on Tuesday, December 18. Email me a PDF.

Cover letters

You'll include a one-page, single-spaced cover letter when you submit your research project draft and revision (assignment 3) and research presentation (assignment 4). These cover letters offer you an opportunity to reflect on what you've accomplished, provide your readers with a snapshot of your argument and your writing process, and ask your readers for feedback on specific parts of your writing. Format these documents like a letter, starting with the salutation "Dear Reader" or "Dear Readers."

For your **research project draft**, your cover letter should address the following areas:

- **Explain your question.** Why have you undertaken this project? What intrigued you? What puzzle are you trying to figure out?
- **Restate your thesis.** Use different language than in your draft—that is, do not simply copy and paste from your draft. The thesis may be something that you discovered as you wrote. Tell your reader where in the paper they should look for your thesis.
- Wave your flag. What you have done most successfully in this draft? Why?
- **Point out challenges.** Describe what you are struggling with most at this stage in the writing process. What are your concerns or uncertainties at this point?
- **Ask for help.** Based on these concerns, pose two questions for your reader about the areas in which you would like specific feedback.

For your **revised research project** and your **research presentation**, your cover letter should address the following questions;

- Restate your thesis (using different language than in your project). Narrate how and why it has changed during the revision process.
- What did you do most successfully. Has this changed from earlier versions?
- What did you find most challenging about the drafting and revision process? How did you approach these challenges?
- Select one specific example of a revision you made. Describe this revision and narrate how and why you made it.
- Looking ahead, set yourself some personal goals for future research and writing. What would you like to focus on and improve?

Start every file name with your last name (e.g., "Fraga research proposal.pdf").
Set all written assignments in 12-point Times New Roman font (or close equivalent).
Double-space your text.
Set all page margins to one inch.
Include page numbers in the bottom-right corner.
Cite your sources using Chicago, MLA, or APA.
Proofread your writing before submitting.
Submit your work as a PDF.
Submit your course work via this Goodle Form: https://forms.gle/PcXu1PznV7fOzn8Iz/G7

IMPORTANT DATES

Planned due dates

- Week 2: Your statement of learning goals is due by 11:59pm on Tuesday, September 3.
- Week 4: Your research proposal is due by 11:59pm on Monday, September 16.
- Week 9: Your research project draft and cover letter are due by **11:59pm on Monday, October 21.**
- Week 13: Your revised project and cover letter are due by 11:59pm on Monday, November 18.
- Week 15: Your research presentation and cover letter are due by **11:59pm on Wednesday**, **December 4**.
- Your course reflection is due by 11:59pm on Tuesday, December 18.

All deadlines are firm deadlines. That said, in most cases, quality is more important to me than punctuality. If you think you won't be able to meet a deadline, please email me (as far in advance of the deadline as you can) to propose a new deadline and let me know your plans for staying on track.

Field trips

- Week 5: Overnight field trip to Catalina Island, **departing in the morning on Friday**, **September 27**, **returning in the evening on Saturday**, **September 28**.
- Week 11: Field trip to Santa Monica on Friday, November 8, **departing campus at 10am**, **returning by 2pm**.

TEXTS AND MATERIALS

All course texts and materials are available electronically through our Brightspace course site.

ASSESSMENT AND GRADING

Qualitative Assessment

In assessing your work for our course, I'm following Jesse Stommel's approach. As Stommel writes, "this course will focus on qualitative not quantitative assessment [...] While you will get a final grade at the end of the term, I will not be grading individual assignments, but rather asking questions and making comments that engage your work rather than simply evaluate it. You will also be reflecting carefully on your own work and the work of your peers. The intention here is to help you focus on working in a more organic way, as opposed to working as you think you're expected to. If this process causes more anxiety than it alleviates, see me at any point to confer about your progress in the course to date. If you are worried about your grade, your best strategy should be to join the discussions, do the reading, and complete the assignments. You should consider this course a 'busy-work-free zone.' If an assignment does not feel productive, we can find ways to modify, remix, or repurpose the instructions." These policies apply to our course as well.

¹ Jesse Stommel, "Why I Don't Grade," *Jesse Stommel* (blog), October 26, 2017, <u>jessestommel.com/why-i-dont-grade/</u>

Grading Rubric from "Academic Standards," USC Course Catalog

A — excellent

B — good

C — fair (and minimum passing grade for ENST program credit)

D — minimum passing grade

F — failed

Grading Scale

		A	100-93	A-	92–90		
B+	89–87	В	86-83	В-	82-80		
C+	79–77	C	76–73	C-	72–70		
D+	69–67	D	66–63	D-	62-60	F	59 and below

ACADEMIC RESOURCES

I want you to succeed—and so does U.S.C. These offices and programs are here to support your personal and academic development, at no cost to you or your family.

- **U.S.C. Libraries** offers research guides (*libguides.usc.edu*) that explain how to access and use the library's resources. Librarian **Robert Labaree** is available for further research assistance, including free one-on-one consultations (*labaree@usc.edu*).
- The Kortschak Center For Learning And Creativity offers free workshops on academic strategies and free one-on-one consultation sessions so that you can get the most out of your courses and your time here. kortschakcenter.usc.edu/programs-services
- **The Writing Center** offers free workshops and free one-on-one writing feedback sessions with experienced fellow writers who can support you at any stage of the writing process: generating ideas, crafting an argument, or revising drafts. *dornsife.usc.edu/writingcenter*
- U.S.C. Student Health is here to support your physical and mental well-being. studenthealth.usc.edu and studenthealth.usc.edu/counseling
- As **your professor**, I am always happy to talk at office hours, by appointment, or over email. sfraga@usc.edu

What Questions Do You Have?

Please email me (*sfraga@usc.edu*) with any questions about our seminar or its policies.

ADVICE FROM PREVIOUS STUDENTS

At the end of each course, I ask: What advice would you offer to future students in this course? Students anonymously offer tips, hints, and suggestions. A selection of advice from previous students appears below.

"Make sure to stay caught up with the readings!"

"I kept a google doc with bullet points and saved the questions I wrote for every article that we read in the class and it helped me organize my thoughts throughout the semester. << keep a google doc with all of your reading questions >>"

"Please read every week. Start early in the week and break up the longer readings between multiple days. It is unfair to your classmates when you don't come prepared to discuss."

"Go to office hours and take advantage of his ability to communicate over email."

"Don't start writing assignments late! Also if something ever comes up that might interfere with getting an assignment in on time talk to the professor! You can work something out and they are very understanding and willing to work with you, don't be scared to reach out."

"Start your research as early as possible!"

"Start earlier than you think you'll need to on the research project."

"If you're a serial procrastinator (like me) refusing to take the 'start the research project early' advice, at least start it the weekend before the deadline. I promise you can't get it done in one night."

"Choose a topic you can read about for hours (because you will be)."

"Get started early on your project and choose something that you're passionate about."

"Seek out a project subject that you are passionate about"

"Think out of the box. It took me awhile to discover what I wanted to focus my research on, but when i found something i was REALLY interested in, it made the experience more FUN than WORK motivated."

"Pace yourself throughout the term! Writing a bit here and there will let you make good progress on an assignment."

"Take advantage of the professor and peer meetings, it's so valuable to have insight into what's working and what's not within your research project."

SEMESTER CALENDAR

Class date	Topics and activities	Read for class	Independent work			
Week 1						
August 30	Introductions#UrbanOcean	- Read this course syllabus.	Bring questions to our first class meeting.Schedule a meeting with me to discuss your goals for the course.			
Week 2						
September 6	 No class. Instead, meet with me individually this week to discuss your learning goals. 	- None.	- <u>Due:</u> Your statement of learning goals is due by 11:59pm on Tuesday, September 3. Email me a PDF.			
Week 3						
September 13	- Defining the urban ocean	 Blumberg and Bruno, "Overview: People and Water" Airoldi et al., "Emerging Solutions to Return Nature to the Urban Ocean" Guerrini, Burnette, & Dugan, "Invisible Landscapes: Perception, Heritage, and Coastal Change in Southern California" 	- Select a coastal environmental problem to research.			
Week 4						
September 20	 No class. Instead, meet with me individually to discuss your research proposal. 	- None.	- <u>Due:</u> Your research proposal is due by 11:59pm on Monday, September 16. Email me a PDF.			

Class date	Topics and activities	Read for class	Independent work			
Week 5	Week 5					
September 27	- Field trip to Catalina Island. Depart Friday, September 27. Return Saturday, September 28.	 Rick et al., "Ecological Change on California's Channel Islands from the Pleistocene to the Anthropocene" Vogel, California Greenin', Introduction and ch. 4. Culver, Frontier of Leisure, ch. 4. 	- Meet with colleagues to discuss your research proposal.			
Week 6						
October 4	- Planning for sea-level rise and managed retreat	 Gaipa, "Breaking into the Conversation" Xia, "The California coast is disappearing under the rising sea. Our choices are grim," The Los Angeles Times Bragg et al., "Communicating Managed Retreat in California" 	 Explore research material relevant to your project draft. Begin working on your research project draft. 			
Week 7						
October 11	- No class: Fall recess.	- None.	- None.			

Class date	Topics and activities	Read for class	Independent work				
Week 8	Week 8						
October 18	- Environmental impacts of shipping and offshore energy	 Cooke, "Energy landscape: Los Angeles Harbor and the establishment of oil-based capitalism in Southern California, 1871–1930." Houston, Li, and Wu, "Disparities in Exposure to Automobile and Truck Traffic and Vehicle Emissions Near the Los Angeles–Long Beach Port Complex" Fredrickson, "The California Coastal Act and Ports" 	- Continue working on your research project draft.				
Week 9							
October 25	 No class. Instead, meet with me individually to discuss your research project draft. 	- None.	 <u>Due:</u> Your research project draft is due by 11:59pm on Monday, October 21. Email me a PDF and cover letter. 				
Week 10							
November 1	- Meet with colleagues to discuss your research project draft.	- A colleague's research project draft and cover letter	- Begin revising your research project.				

Class date	Topics and activities	Read for class	Independent work			
Week 11	Week 11					
November 8	 Tourism and leisure in coastal environments Field trip to Santa Monica. Depart campus by 10am, return by 2pm. 	 Devienne, "Urban Renewal by the Sea: Reinventing the Beach for the Suburban Age in Postwar Los Angeles" Borrell, "Groomed to Death," Hakai Magazine Doriji et al., "Changing anthropogenic influence on the Santa Monica Bay watershed" 	- Continue revising your research project.			
Week 12						
November 15	- Native activism and coastal conservation	 Cooney, "The Chumash Heritage National Marine Sanctuary: An interview with Violet Sage Walker" Sahagún, "A Chumash tribe and conservationists are fighting a controversial offshore wind power plan" Jakobsson, "Climate change poses a bigger threat to marine life than offshore wind power" 	- Continue revising your research project.			

Class date	Topics and activities	Read for class	Independent work				
Week 13							
November 22	 No class. Instead, meet with me individually to discuss your revised research project. 	- None.	 Due: Your revised project is due by 11:59pm on Monday, November 18. Email me a PDF and cover letter. Meet with colleagues to discuss adapting your project into a research presentation. 				
Week 14							
November 29	- No class: Thanksgiving break.	- None.	- Adapt your project into a research presentation.				
Week 15	Week 15						
December 6	- Research presentations	- None.	 Due: Your research presentation is due by 11:59pm on Wednesday, December 4. Email me a PDF and cover letter. Due: Your course reflection is due by 11:59pm on Tuesday, December 18. Email me a PDF. 				

STATEMENT ON ACADEMIC INTEGRITY

The University of Southern California is foremost a learning community committed to fostering successful scholars and researchers dedicated to the pursuit of knowledge and the transmission of ideas. Academic misconduct is in contrast to the university's mission to educate students through a broad array of first-rank academic, professional, and extracurricular programs and includes any act of dishonesty in the submission of academic work (either in draft or final form).

This course will follow the expectations for academic integrity as stated in the <u>USC Student Handbook</u>. All students are expected to submit assignments that are original work and prepared specifically for the course/section in this academic term. You may not submit work written by others or "recycle" work prepared for other courses without obtaining written permission from the instructor(s). Students suspected of engaging in academic misconduct will be reported to the Office of Academic Integrity.

Other violations of academic misconduct include, but are not limited to, cheating, plagiarism, fabrication (e.g., falsifying data), knowingly assisting others in acts of academic dishonesty, and any act that gains or is intended to gain an unfair academic advantage.

Academic dishonesty has a far-reaching impact and is considered a serious offense against the university. Violations will result in a grade penalty, such as a failing grade on the assignment or in the course, and disciplinary action from the university itself, such as suspension or even expulsion.

For more information about academic integrity see the <u>student handbook</u> or the <u>Office of Academic Integrity's website</u>, and university policies on <u>Research and Scholarship Misconduct</u>.

Please ask your instructor if you are unsure what constitutes unauthorized assistance on an exam or assignment or what information requires citation and/or attribution.

STATEMENT ON UNIVERSITY ACADEMIC AND SUPPORT SYSTEMS

Students and Disability Accommodations:

USC welcomes students with disabilities into all of the University's educational programs. The Office of Student Accessibility Services (OSAS) is responsible for the determination of appropriate accommodations for students who encounter disability-related barriers. Once a student has completed the OSAS process (registration, initial appointment, and submitted documentation) and accommodations are determined to be reasonable and appropriate, a Letter of Accommodation (LOA) will be available to generate for each course. The LOA must be given to each course instructor by the student and followed up with a discussion. This should be done as early in the semester as possible as accommodations are not retroactive. More information can be found at osas.usc.edu. You may contact OSAS at (213) 740-0776 or via email at osasfrontdesk@usc.edu.

Student Financial Aid and Satisfactory Academic Progress:

To be eligible for certain kinds of financial aid, students are required to maintain Satisfactory Academic Progress (SAP) toward their degree objectives. Visit the <u>Financial Aid Office webpage</u> for <u>undergraduate</u>- and <u>graduate-level</u> SAP eligibility requirements and the appeals process.

Support Systems:

Counseling and Mental Health - (213) 740-9355 - 24/7 on call

Free and confidential mental health treatment for students, including short-term psychotherapy, group counseling, stress fitness workshops, and crisis intervention.

988 Suicide and Crisis Lifeline - 988 for both calls and text messages – 24/7 on call

The 988 Suicide and Crisis Lifeline (formerly known as the National Suicide Prevention Lifeline) provides free and confidential emotional support to people in suicidal crisis or emotional distress 24 hours a day, 7 days a week, across the United States. The Lifeline consists of a national network of over 200 local crisis centers, combining custom local care and resources with national standards and best practices. The new, shorter phone number makes it easier for people to remember and access mental health crisis services (though the previous 1 (800) 273-8255 number will continue to function indefinitely) and represents a continued commitment to those in crisis.

<u>Relationship and Sexual Violence Prevention Services (RSVP)</u> - (213) 740-9355(WELL) – 24/7 on call Free and confidential therapy services, workshops, and training for situations related to genderand power-based harm (including sexual assault, intimate partner violence, and stalking).

Office for Equity, Equal Opportunity, and Title IX (EEO-TIX) - (213) 740-5086

Information about how to get help or help someone affected by harassment or discrimination, rights of protected classes, reporting options, and additional resources for students, faculty, staff, visitors, and applicants.

Reporting Incidents of Bias or Harassment - (213) 740-2500

Avenue to report incidents of bias, hate crimes, and microaggressions to the Office for Equity, Equal Opportunity, and Title for appropriate investigation, supportive measures, and response.

The Office of Student Accessibility Services (OSAS) - (213) 740-0776

OSAS ensures equal access for students with disabilities through providing academic accommodations and auxiliary aids in accordance with federal laws and university policy.

USC Campus Support and Intervention - (213) 740-0411

Assists students and families in resolving complex personal, financial, and academic issues adversely affecting their success as a student.

Diversity, Equity and Inclusion - (213) 740-2101

Information on events, programs and training, the Provost's Diversity and Inclusion Council, Diversity Liaisons for each academic school, chronology, participation, and various resources for students.

<u>USC Emergency</u> - UPC: (213) 740-4321, HSC: (323) 442-1000 – 24/7 on call

Emergency assistance and avenue to report a crime. Latest updates regarding safety, including ways in which instruction will be continued if an officially declared emergency makes travel to campus infeasible.

<u>USC Department of Public Safety</u> - UPC: (213) 740-6000, HSC: (323) 442-1200 – 24/7 on call Non-emergency assistance or information.

Office of the Ombuds - (213) 821-9556 (UPC) / (323-442-0382 (HSC)

A safe and confidential place to share your USC-related issues with a University Ombuds who will work with you to explore options or paths to manage your concern.

Occupational Therapy Faculty Practice - (323) 442-2850 or otfp@med.usc.edu

Confidential Lifestyle Redesign services for USC students to support health promoting habits and routines that enhance quality of life and academic performance.