Moreno, Melissa

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Final Project

Hello Dr. Baker and Grace,

My processed has been changed drastically by the Covid-19. I had originally set it up to borrow equipment and set a reservation with Marston library to record the podcast. Instead I ended up having to record the podcast via Zoom, and audio edit with my own software. It’s a little disappointing that I wasn’t able to use the nice equipment and to learn how to use the audio tuning devices while editing. I hope I do get to use it for another purpose maybe in the Fall semester.

I incorporated from the feedback I got, from Olivia M, to include more personal stories. I don’t think my podcast has too many personal stories, but I did try to ask the members of my podcast about their own research and how that could relate to the articles. I also wanted them to have a lot of their own opinions about the papers brought up, which I think makes the podcast very personable. From Grace’s feedback, I did create an outline so that the podcast would turn out smoothly. From Shirley’s feedback I didn’t include much in my proposal but I think I filled in the requirements after the fact. For Alina M’s comment let my group know that I wanted everyone to have thought about having their opinions before the podcast, so they have something to say.

I did see the feedback to give myself time to edit a podcast from Olivia M, and I gave myself about 3 days straight to edit. It took about 10-12 hours to edit the 1-hour podcast. I should have created more of an outline in the beginning, but before the podcast I had sent a rubric on what papers we’ll talk about and the questions I might ask.

Below is the podcast outline I sent to Scott Borsum and Nick Fisch: Podcast Outline

**The US News Media, Polarization on Climate Change, and Pathways to Effective Communication (Bolsen and Shapiro, 2016)**

1. Which type of media has most influenced your own life regarding climate change?

-Related to the journal, maybe disaster where it focuses on the effects of what climate change can cause

- Outside of the journal, I’d say FB and their climate change success stories

2. Do you think normal people can learn complex scientific information based on the suggestions of the paper?

- Unless fundamental education changes, people cannot learn complex scientific information.

3. What do you think of the Bolsen results between Democrats and Republicans on their views of climate change?

- Not sure why climate change is politicized. Also why people just don’t accept facts.

**Linking the biological impacts of ocean acidifications on oysters to changed in the ecosystem services: A Review (Lemasson et al., 2017)**

1. Is ocean acidification a concern for your study species?

- I don’t have a study species, but it’s not really talked about for the Oyster Restoration project. No one I know is working on this.

2. How do you think the current state of oyster reefs are in terms of adapting to ocean acidification?

- I think both aquaculture and wild oysters will be impacted greatly.

3. Can aquaculture adapt to ocean acidification?

- They were saying that aquaculture might be less impacted because they can grow the larva in tanks

**Climate-Related Local Extinctions Are Already Widespread among Plant and Animal Species (Wiens 2016)**

1. Are you surprised that the frequency of climate related local extinctions was similar in territorial and marine environments?

- Somewhat I expected for marine life to have more local extinctions.

2. What do you think of figure 3 with the percent of local extinctions?

- Surprised that mammals and plants are lower in general

3. Are you concerned about your study species dying at a local level?

- Since the Apalachicola oysters died I mean it’s a concern for the project.

**Oysters as sentinels of climate variability and climate change in coastal ecosystems (Thomas et al., 2018)**

1. Most of us are familiar with the Eastern oyster and the GoM ocean current systems, but do you think their results in this paper with the NAO+ can be applied in that system?

- deep Gulf currents <https://oceanexplorer.noaa.gov/explorations/02mexico/background/currents/currents.html>

- Possibly but

2. Do you think this is a good way to predict how ocean acidification will impact oysters?

What I gained the most from this project is first learning how to conduct a podcast. It does take some effort to get the group together and to get them to read the same papers. I also found it difficult to keep them on track but sometimes it’s good to float around ideas in a podcast. Otherwise I had a good time doing the podcast with them. Nick’s personality is kind of like a “troll” and Scott likes to debate, so I think I had a good mash up of people in the podcast. It’s kind of tricky to pick who will be on and if they will be entertaining.

I found that editing is very tedious especially with bad audio quality. I think that if I had better audio quality that it would make the editing process easier. I learned that finding sounds and editing sound clips can be difficult especially adjusting the sound level. I found that it’s important to find sounds and looping music that is royalty free, just in case I want to post it online, because then no one can copyright claim it. I also learned that different operating systems can’t support every software so it’s important to check that.

I also learned that while Nick, Scott and I are pretty similar in our conversation interests we do have different opinions and it’s good to talk it out. We might possibly evolve our opinions, and that’s something I’m open to. It was my first podcast, but I think if I were to make another one, I’d want people to voice stronger opinions, and maybe give easier papers to read. Overall it was a good experience and I’m glad we were able to talk about a topic that is relevant and something we were all passionate about.

# Bibliography

Bolsen, Toby and Matthew A. Shapiro. "The US News Media, Polarization on Climate Change, and Pathways to Effective Communication." *Environmental Communication*. Vol. 12. 2. Routledge, 17 2 2018. 149-163.

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