Sharing Voices: A Podcast Project

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ENVIRONMENTAL STUDIES

FALL 2021

Group Environmental Project for ENVS10

BACKGROUND: ENVS10 IS GE B2 LIFE SCIENCE REQUIREMENT, 30-35 STUDENTS, NON MAJORS, 1ST AND 2ND YEAR STUDENTS, PREVIOUS ASSIGNMENT A 3-PAGE PAPER

OBJECTIVE: DEVELOP A 10 - 12 MINUTE ENVIRONMENTAL ISSUE PODCAST BASED ON A FACULTY EXPERT INTERVIEW. PRESENT TO THE CLASS ALONG WITH A VISUAL COMPONENT (SLIDE SHOW, PODCAST LOGO, ETC) RELATING TO YOUR ENVIRONMENTAL ISSUE

Project Process

2 CLASS PERIODS DEDICATED TO WORKING ON PROJECT

NEXT SLIDES SHOW: DEVELOPING IDEAS, STEPS TO FOLLOW, CONNECT WITH TEAM, EDITING AND FINALIZING PODCAST

Environmental Podcast Project - Process

Key Topic areas from class:

Climate Change

Fire

Water (Drought, Ocean acidity)

Forests (Deforestation etc.)

Invasive Species

Recycling and Waster

- Assess strengths of your team and assign tasks: Interviewers, editors, visual developer, team leaders etc
- *Each Team member: Literature review. Select 2 articles One must be peer reviewed. Submit citation and links to articles
- *Each Team member: Submit two questions for your expert
- Collate all team questions and edit for interview
- Schedule 20-minute interview with your expert
- Conduct interview
- Edit raw audio file to 10-12 min add to visual presentation
- *Submit team evaluation
- *Present your podcast to the class!

*Graded

Developing your Questions for the Interview

Expert background info: Name, title, expertise etc.

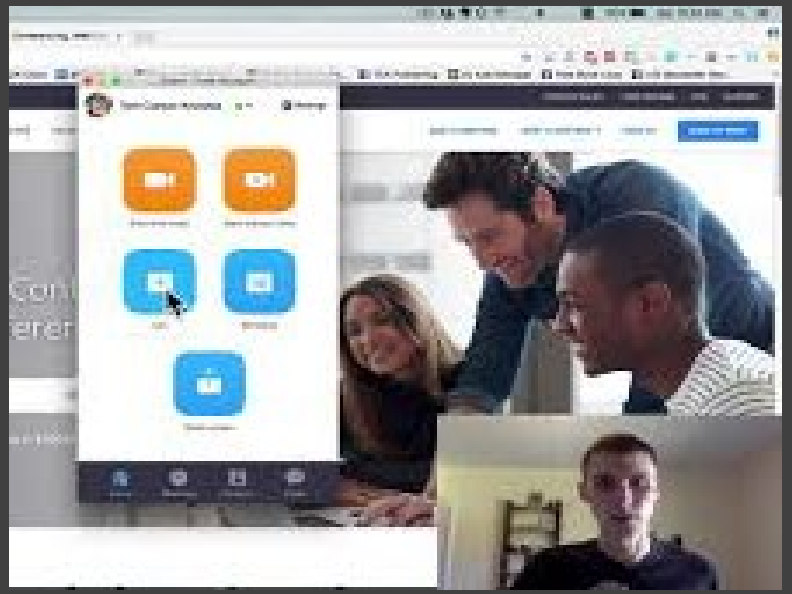
What do you specifically want to know from your expert?

- Each student must submit 2 questions.
- Put together questions

2 people per interview:

- Interviewer
- Recording manager



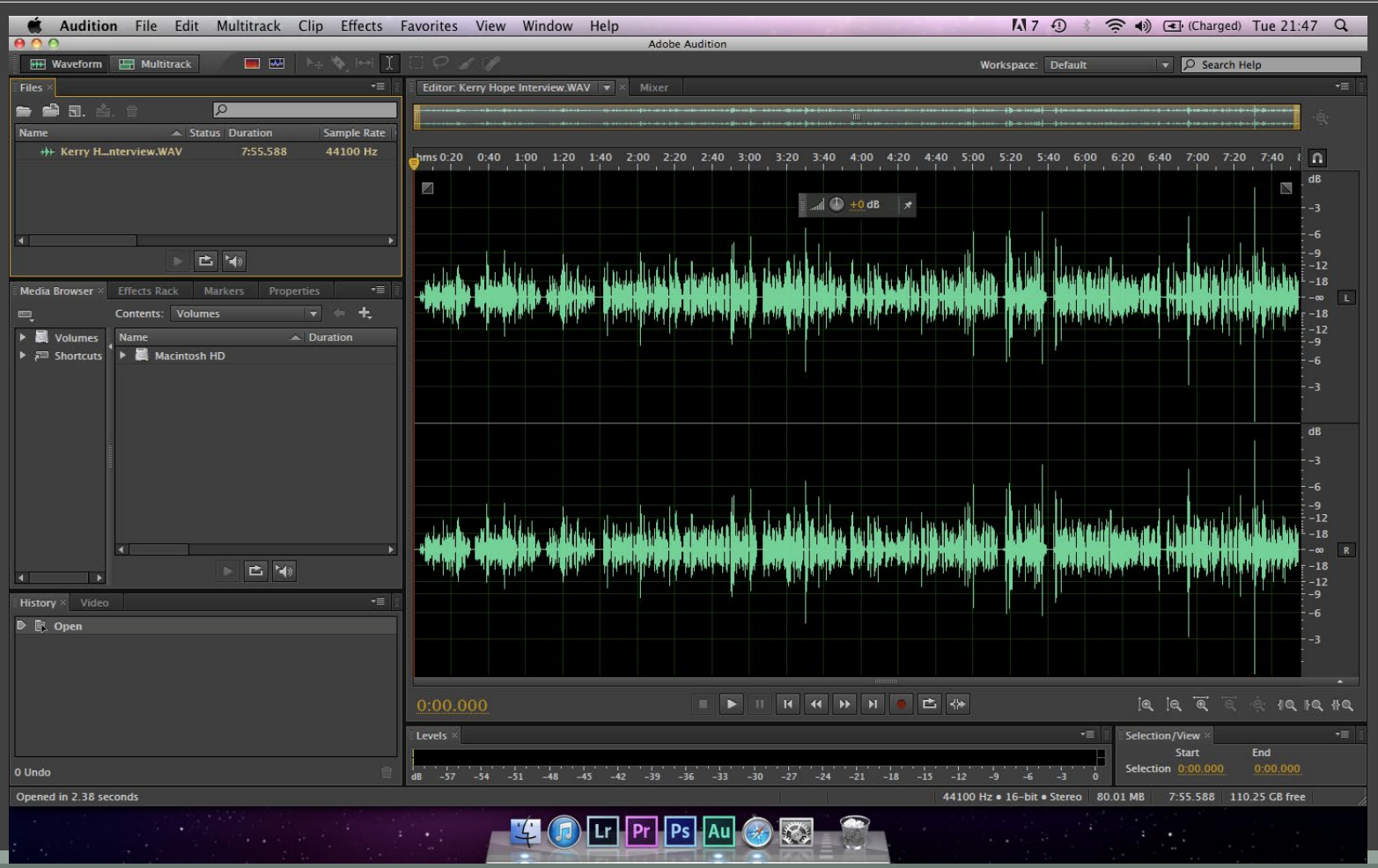




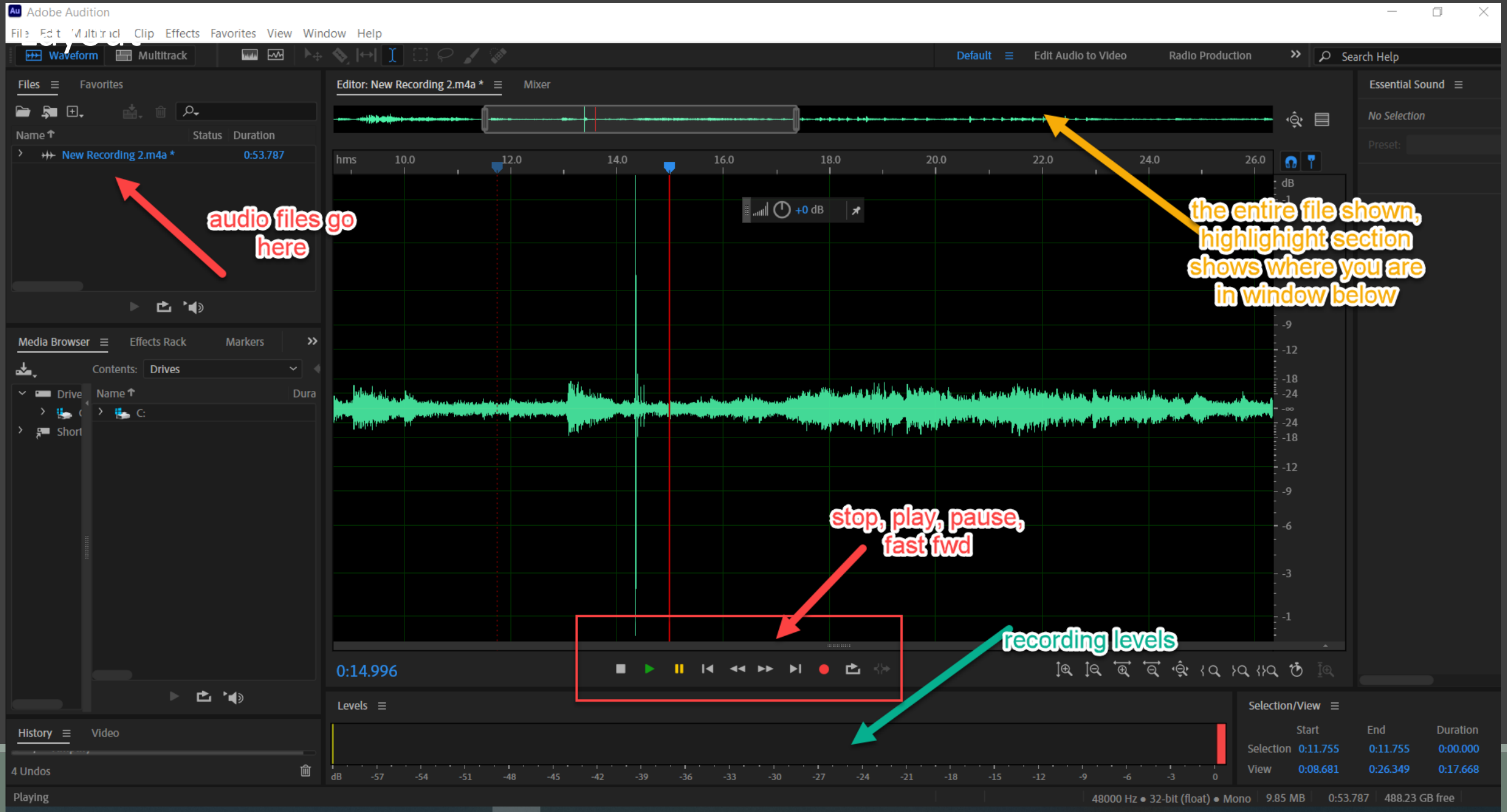
Recording Your Interview

- Schedule
- Equipment
- Technique
- Practice!!!

Podcast Production: Processing your Interview



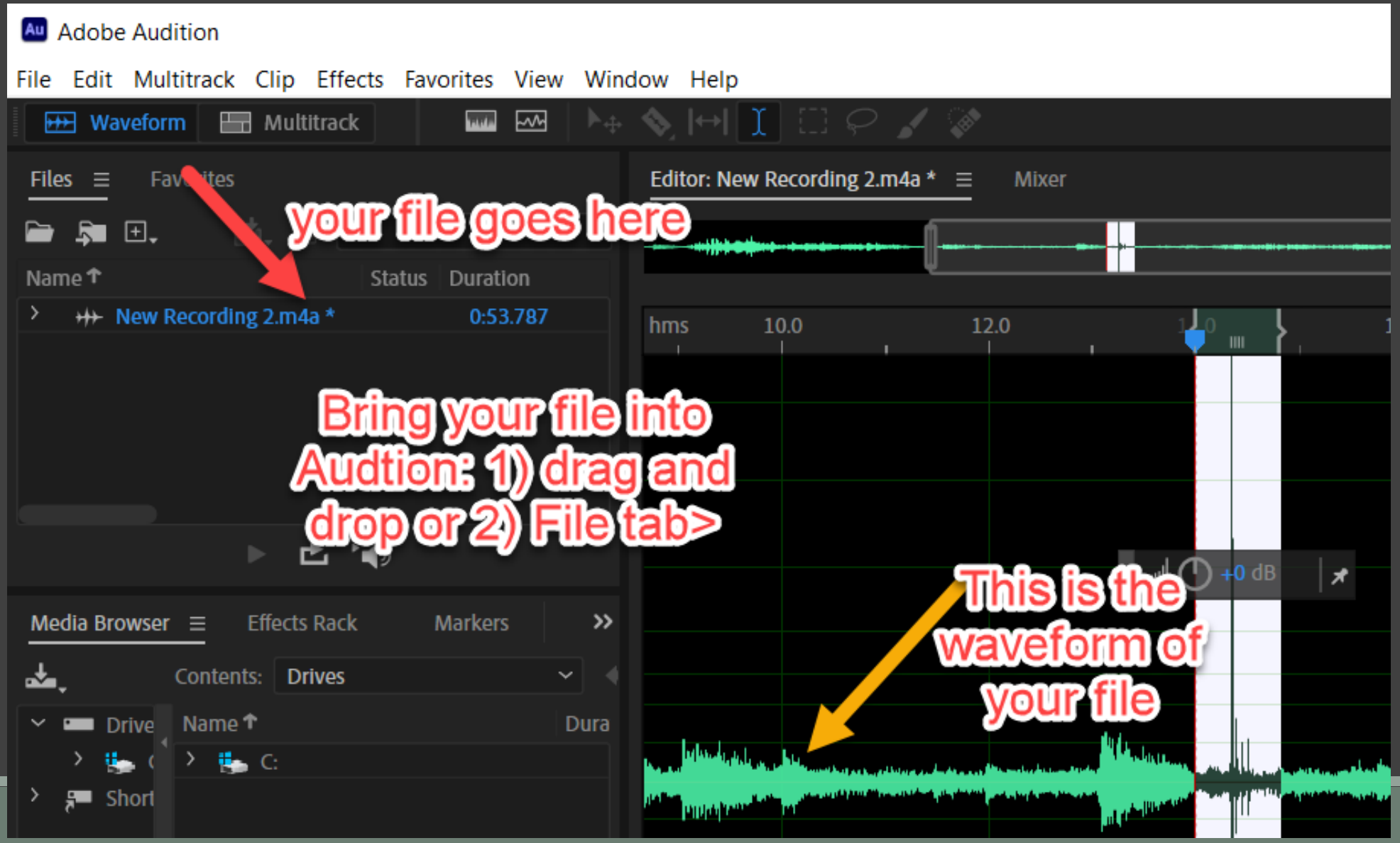
General Audition Window



Step 1: Bring your audio file into Audition

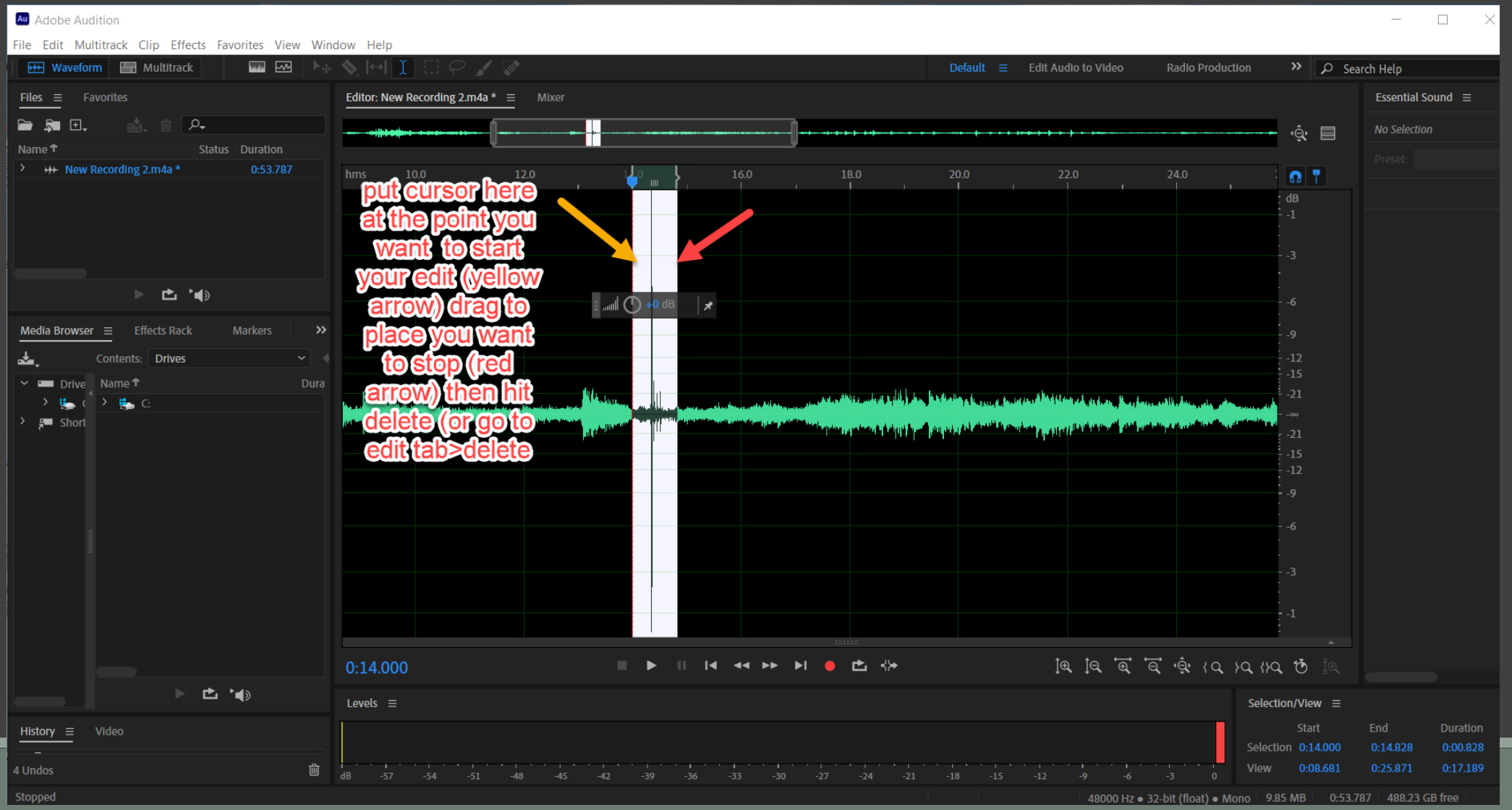
Option 1: Drag your file and drop into the file recording box (red arrow)

Option 2: File tab>Open



Step 2: Edit your audio recording

- View your audio file as a waveform. Listen carefully to the file and decide where you want to cut sections
- Move your cursor to the starting point of your edit (yellow arrow), drag to highlight the section you want to edit (end point is red arrow). The section highlighted with white is what will be deleted.
- Delete that section: Option 1- hit delete button; Option 2 – Edit tab>Delete (note if you make a mistake you can undo delete)





Creating a slideshow, one-page collage, or podcast logo art file with an audio file attached in powerpoint

- Add pictures
- Insert>Audio

File will show up below and you can play the audio while showing your picture or collage

Audio file is here

Playing your audio during a powerpoint slide show

Play music/audiofile across multiple slides in your slide show
You can add audio to a presentation and play it across slides in the background of your slide show.

To play a audio across slides
- On the **Recording** tab, select **Audio**, and then **Audio on My PC.**
- In the file explorer, browse to the music file you want to use, and then select **Insert**.
- With the audio icon selected on the slide, on the **Playback** tab, select **Play in Background**.



Play in Background makes the audio file start automatically during a slide show and also makes the audio play across multiple slides.

Other Helpful Links

Opening files in Audition
https://helpx.adobe.com/audition/using/creating-opening-files.html

Editing multi-track sessions
https://helpx.adobe.com/audition/using/multitrack-editor-overview.html#about_multitrack_sessions

Adding audio to your power point (link the Microsoft help)
https://support.microsoft.com/en-us/office/add-or-delete-audio-in-your-powerpoint-presentation-c3b2a9fd-2547-41d9-9182-3dfaa58f1316

Adding sound effects and fade-in, fade-out
https://mediacommons.psu.edu/2020/03/25/fades-volume-adjustment-music-and-sound-effects-in-adobe-audition/

Save and Export Files:
https://helpx.adobe.com/audition/using/saving-exporting-files1.html

Presenting your podcast (Example)

Audio recording + Visual (PPT or YouTube)

MARCH 16, 2020

The Reluctant Immortalist

Daniel Martinez discovered the unthinkable: a creature that breaks one of the most fundamental laws of life. In the wake of his discovery--which has been widely confirmed by the scientific community--all kinds of people have thrown themselves into trying to unlock the secrets of how this creature seems to cheat death. Cellular biologists, aging researchers, and the biotech industry all hold high hopes that there may be some application to slow human aging. Millions of dollars are being poured into the dream of extending the human lifespan, which looks increasingly possible. But Daniel? He trashed his experiment. He completely abandoned the pursuit of unlocking the secrets of immortality. Perhaps because he believes that dream is all wrong. Invisibilia co-founder Lulu Miller went down to visit him in California to try to find out why. Please take our short, anonymous listener survey: npr.org/invisibiliasurvey. | To learn more about this episode, subscribe to our newsletter. Click here to learn more about NPR sponsors.



https://edge2.pod.npr.org/anon.npr-mp3/npr/invsb/2020/04/20200403_invsb_hydraimmortality_finalmix.mp3/20200403_invsb_hydraimmortality_finalmix.mp3_66a23d3e7e2a4cb3d130ac5c8290b57c_45272730.mp3?d=2735&size=43675329&e=821647042&t=podcast&p=510307&awEpisodeId=821647042&awCollectionId=510307&sc=siteplayer&aw_0_1st.playerid=siteplayer&hash_redirect=1&x-total-bytes=45272730&x-ais-classified=streaming&listeningSessionID=0CD_382_285__e1715be7d85441ae7dfad5e7b13c780a6faade9b

Podcast Project Evaluation Criteria

Team participation and project contribution:

Based on my review of your project and participation during the semester along with the evaluations of your teammates.

Presentation Subject Matter and Quality:

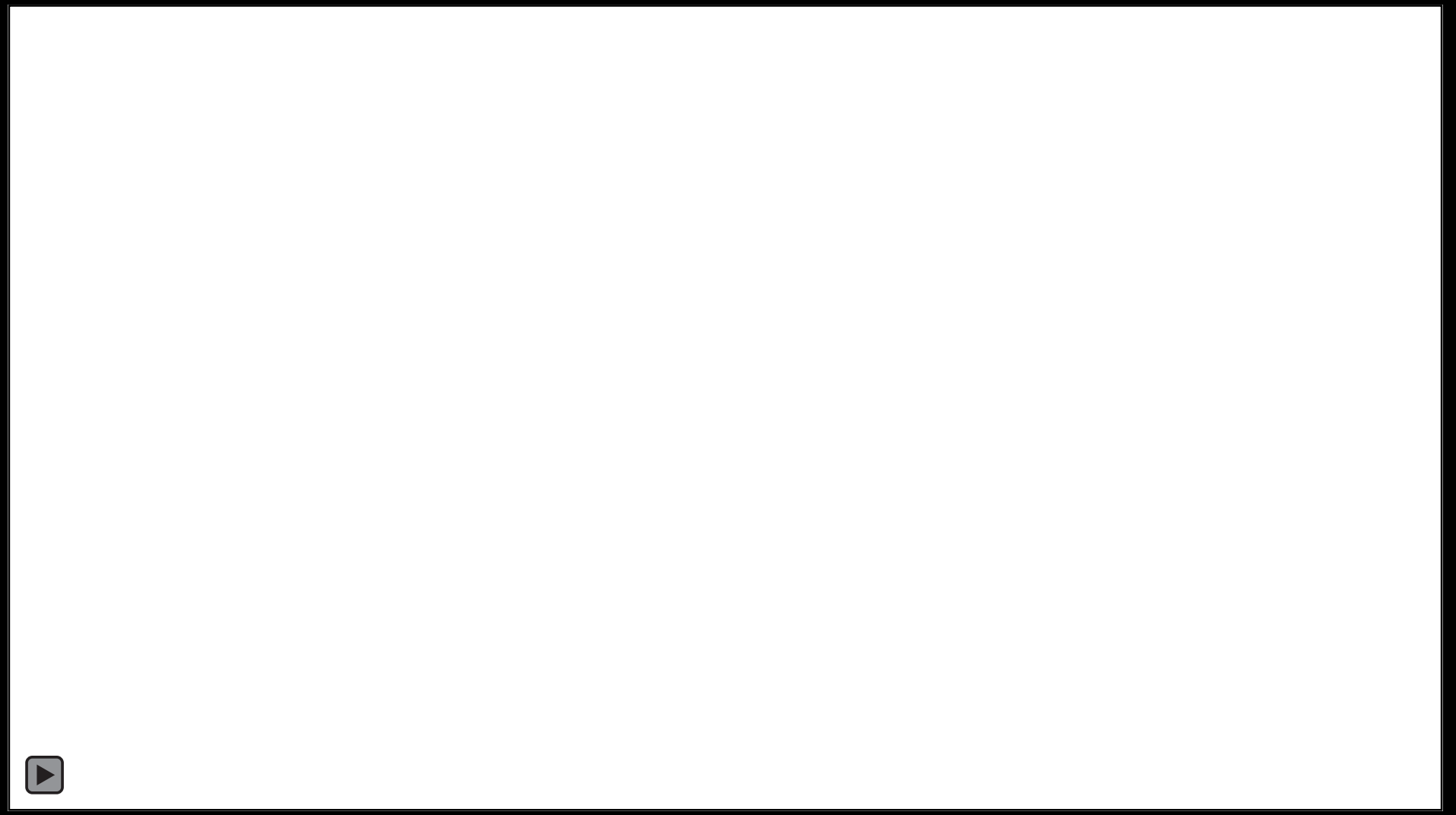
- Audio - Quality of audio, editing, and formatting
- Visual - type of visuals presented and effectiveness in highlighting the podcast or subject matter
- Guidelines followed – 20-minute raw interview, edited audio between 10-12 minutes, etc
- Subject Matter – What did we learn? Did questions and responses address the topic

- **ENVS10_Environmental Project**
- **Team Performance Review (12pts)**
- **Performance review of group podcast project:**
- Part of your final project grade is evaluation of your own participation and activity as well as all of your teammates. This is anonymous and results *will not be shared* with your teammates. You may be candid in your comments, but they must always be constructive and kind.
- Please provide a list of your group members (**including yourself**), the main tasks they performed and then assign each person a number on a scale between 1 and 5 (5 meaning the highest level of participation) to show how much effort everyone contributed to this section of the group work. You must assign yourself a value on this scale (each person is out of 5). In addition to assigning the number, write 3 - 4 sentences for each person explaining the reasoning you're your evaluation (longer if needed). Please let me know if you have any questions.
- ***Examples: Fire Podcast – Interview with Dr. Amanda S.***
- Miranda M. – 5/5. Miranda was responsible for contacting and conducting the interview. She did a great job, got all the work in a timely fashion and helped with the final presentation. She was a key player in getting our project completed and done well.
- Justen W. - 3/5. Justen was primarily responsible for editing the interview files. It was challenging to get him to respond to group emails and while he did work on the editing, Miranda had to help to get it done in time. Overall, his participation was average.
- Marvin J. 2/5. Marvin assisted initially but dropped out of the group and was not good at communicating. Several of us had to do his work which made our efforts more difficult. We learned later that he was challenged by the project but didn't ask for help soon enough.
- Myself 4/5: I worked on the interview and helped with the editing. I felt like I participated fully and did good work, but I think I could have helped with the final production more. I was nervous to do the interview, but once we were there, I think we did a good job.

1	2	3	4	5
No participation:	Less than average participation:	Average Student participation:	Good to Very good participation:	Excellent Participation: k
Student did not participate in any meaningful way	Contributed but in limited ways	Part of team, helped get project done, but overall average contribution	A solid team member, did all work assigned	Key team player, contributed significantly to the project effort



Example: Podcast art, intro, connection with slides



Example: Intro and Outro, sound quality

Podcast Presentation: Climate Change and Ocean Acidification

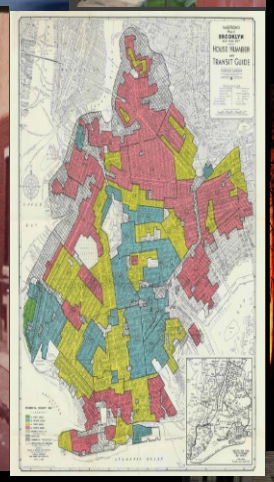
BY LYNNE NGUYEN, LUIS CRUZ, JUSTIN GRIFFIN, ISAIAH ZAPANA

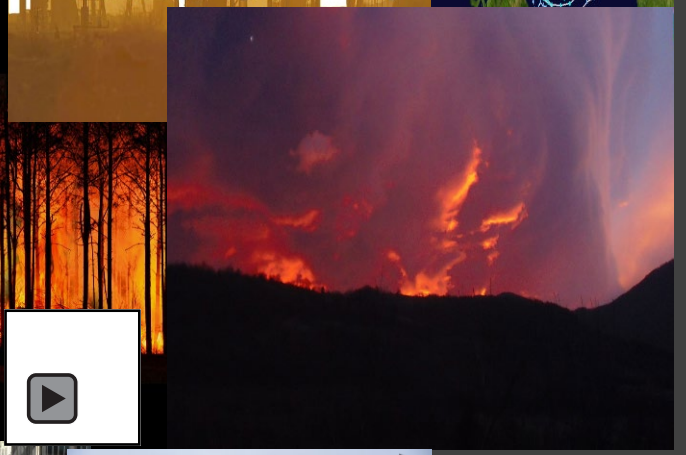
ENVS 10 / SEC 2

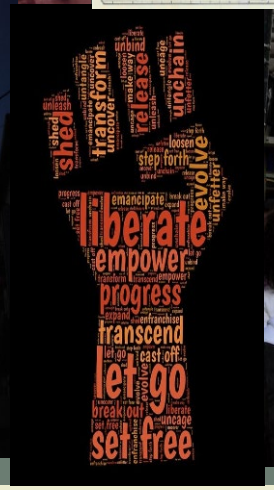














Green Planet Goer's

In this podcast host Isabella Harrison sits down with environmental specialist PJ Iyer to discuss real world environmental issues. Throughout the podcast evidence of environmental and social justice is shown as different areas are affected by climate change at different rates. Environmental scientists have known this information for years, but it is now society's turn to learn for themselves. As many people do not think being low-income expedites the rate one is affected by climate change Iyer shows proof of how this is true. Red-lining has been around since the early 1930's and it is sad to see society just now taking notice. Throughout professor PJ Iyer's years of teaching she is pleased to see this raised awareness on environmental justice in low income communities and is part of the fight to end the inequality distributed across America.

5 hrs recording → edited to → 2hr 19 min!

CLASS COMMENTS

That was way more fun than I thought it would be!

Good transitions, audio clear, enjoyed background music

Interesting, because I didn't know much about this topic

Good job everyone!

Editing was hard

Interviewee was funny and controversial

Very well spoken; enjoyed the personal questions

To listen to class podcasts: YouTubeChannelwithENVS10Podcasts

Summary of Podcast Project

REWARDS

The end products made both the students and myself proud!

Engaged with the topics with more depth and interest. Hearing personal stories from faculty was a highlight.

Gained confidence through scheduling and conducting faculty expert interviews and using new applications

Learned much about working in groups on a semester long project

Project model proved to be effective

CHALLENGES

Editing program was really challenging for some.

Difficult to devote the class time needed time for training, given the course material we must cover. Much one-on-one help during editing process.

I often felt just one-step ahead of the students regarding podcast editing techniques

Faculty availability limited and interviewing same faculty every semester not repeatable (working on adaptations for future course inclusion)

