Title: Integrating Humanities into Environmental Engineering Classrooms
Group Project Guidelines and Grading Rubric

Project Overview:

Each group will present an oral presentation to the class. Presentation topics will be assigned by the instructor. All members of the group must help in preparing the PowerPoint slides for the presentation. All members of the group must present a portion of the oral presentation.

Project Guidelines:

- Group presentations will be 10 minutes in total (8-9 mins for the presentation; 1-2 mins for audience questions).
- Each group will be required to make a PowerPoint presentation with appropriate figures, tables, etc. to accompany their presentation. Typically, an 8 minute oral presentation will require 8-12 slides, excluding title and references slides.
- Presentations must include the follow:
    - Title slide with group member names and presentation topic
    - Followed by 8-12 slides containing the content of the presentation
    - Conclude your presentation slides with a list of references used for the presentation
- Remaining slides and oral presentations should answer the following questions (as applicable to your group's assigned topic):
    - In what region did your event take place? What is the population of that region? Include brief information about the country/state/city of your event, including social, economic, and environmental information.
    - What is the environmental concern (e.g. contaminant, pollutant) involved in your event? Include characteristics, including both chemistry and human and environmental health impacts.
    - What is the moral/ethical/social value of your event? Did your event impact legislation and/or environmental regulations? If so, what were they?

Dress Code:

Each of the group members must dress in business casual attire for the group presentations. No jeans, t-shirts, hoodies, sneakers, or flip flops. Dress slacks, shirts/polos, blouses/sweaters, and/or skirts/dresses are encouraged.

Grading Rubric:

The grading rubric for group presentations is as follows:

Presentation Component	Ask Yourself…	Grade 100 (20 points max, each)
Oral Communication	Did the students clearly explain the objective of the presentation? Could you hear them? Did they speak at a good rate?	
Visual Communication	Did the visuals help you to better understand the presentation content? Were words, figures, tables, and equations legible?	
Professionalism	Did the students present in a professional manner? Did they respond to questions in a professional manner?	
Technical Content	Did the students have adequate knowledge of the assigned topic? Did the presentation answer the assigned questions?	
Overall	Was the presentation well organized? Did they introduce and summarize? Was the presentation relevant to the assigned topic?	
	Total	

Example Presentation Topics:

- Solid Waste Management overview, technologies, issues, etc. in various countries, such as Sweden, Australia, Bangladesh, and Britain
- Superfund Sites overview, timeline, remediation efforts, etc.:
    - Atlas Asbestos Mine, CA
    - Tar Creek, OK
    - Lipari Landfill, NJ
    - Love Canal, NY
- Air Pollution Episodes overview, causes, remediation efforts, etc.:
    - Donora Smog of PA, 1948
    - Great Smog of London, 1952
- Air Pollution Control overview, technologies, issues, etc. in various countries, such as India and China