

CE 370

Term Paper

General

- You are required to write a term paper that is about 5 pages long.
- The topic of your paper will be related to one of the water quality parameters presented to you early in the course.
- You will be assigned one parameter for which you have to decide what specifically you are going to write about.
- After you have written your paper, you are required to prepare a power-point presentation about your topic. You will be given a 5-minute period to present your topic in class.
- Your paper should conform to the following structure:

Structure of the paper

➤ The term paper should contain the following sections:

- **Title Page.**
- **Table of contents.**
- **Introduction.**
- **Body of your paper.** (subject of paper)
- **Summary and Conclusions.**
- **References.**

Structure of the paper

➤ **Title Page (cover page):**

- Title of your topic, your name and ID number, course title and semester number, and date of submission.

➤ **Table of contents**

- Heading and sub-headings with reference page numbers

➤ **Introduction.**

The introduction should address the following points:

- Define your parameter.
- How does your parameter affect the quality of the water?
- Why is it important to treat/control your parameter?
- Briefly describe or mention the methods used in treating/controlling your parameter.
- Write a sentence describing the purpose (objective) of your paper. The sentence should start with "This paper will address/investigate /study /describe /present" or with "The objective of this paper is to".

Structure of the paper

➤ **Body of your paper:** (subject of paper)

- The body of the paper should contain the information, details and examples (if applicable) that build up or address the objective given in the introduction. It maybe divided into series of paragraphs or sections with sub-headings.

➤ **Summary and Conclusions:**

- This section of the paper should give a summary of the main points presented and a concluding opinion supported by evidence presented in the paper.

➤ **References:**

- List of references cited in the paper.

Writing style of the paper:

➤ **Paper**

- Use A4 white paper, one side only.

➤ **Margins**

- Leave margins of your paper 1" (2.5 cm) at the top, bottom, left and right sides of each and every page.

➤ **Numbering Pages**

- Number your pages consecutively throughout the paper. Do not show number on title page

➤ **Spacing Between Lines**

- Your paper should be double-spaced between lines.

➤ **Fonts**

- Use Times New Roman font for the entire paper. Main headings (for example Introduction) should be bold with size 14. Sub-headings should be bold with size 12. The written text should be regular with size 12.

Writing style of the paper:

References:

Use standard referencing style for all referenced material (book, journal paper, internet material, etc...)for example:

- The usual order for **Journals/articles** is:

Author, title of the article, name of the Journal, volume, number, year, month, pages.

Example:

Lin Min: "The Search for Modernity: Chinese Intellectual Course, 1978-1988" *The China Quarterly*, no. 132, Dec. 1992, pp. 969-998

- The usual order for **books which somebody has edited:**

Title of the book, editor(s), place, date of publication.

Example:

China's Intellectuals and the State: In Search of a New Relationship, ed. by Merle Goldman with Timothy Cheek and Carol Lee Hamrin, Harvard Contemporary China Series: 3, Cambridge, Mass. 1987.

- The usual order for **Web Document, Web Page, or Report**

List as much of the following information as possible:

Author, A. A., & Author, B. B. (Date of publication). *Title of document*. Retrieved month date, year, from <http://Web address>.

Writing style of the paper:

References:

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Topics for Term Papers

One of the following water quality parameters will be assigned to you:

1. Temperature
2. Turbidity
3. Tastes and Odors
4. Color
5. pH
6. Alkalinity and Acidity
7. Chlorides
8. Nitrogen compounds (organic N, ammonia N, nitrite N, nitrate N)
9. Hardness
10. Fluorides
11. Iron and Manganese
12. Sulfates
13. Residual Chlorine
14. Total Dissolved Solids
15. Dissolved Oxygen
16. Biochemical Oxygen Demand
17. Chemical Oxygen Demand
18. Coliforms