

GEOG 201 ASSIGNMENT I - Global Warming and Climate Change

For this assignment, you can work as an individual researcher or as a member of a research team (three students per team maximum). Every group member must participate in the preparation of the assignment. Your grade will depend upon your contribution.

QUESTIONS

1. With the help of relevant examples, name and briefly explain **three actual consequences** and **one potential consequence** of global warming and climate change in Canada.
2. Name and briefly explain **three evidence** of present global warming and climate change.
3. Name and briefly describe **three methods** (or three ways) used for climate reconstruction (or to estimate past or previous climate).

GEOG 201 – Weather and Climate

Assignment 1 - This assignment accounts for 10% of your course assessment for GEOG 201.

Assignment should be **typed** and **well formatted**

- **Font type:** Times New Roman
- **Font size:** 12
- **Line spacing:** 1.5

Number of Pages: 2-3. *Adhere to the page limit.*

Date assignment handed out: December 1, 2020

Due (hand in) date: December 8, 2020.

Submission: Moodle.

Assignment Structure

Subdivision - numbered sections

Divide your assignment into numbered sections. Subsections should be numbered 1.1, 1.2, etc. Any subsection may be given a brief heading. **Example:**

1. Introduction

- ✓ Provide an adequate background, avoiding a detailed literature survey. Include any definition(s) relevant to question.
- ✓ State the objective(s) of the assignment.
- ✓ State the order in which you are going to present your information.

2. Benefits of dam construction

- ✓ Brief introduction with regard to benefits.

2.1 Hydroelectricity

2.2...

4. Conclusion

- ✓ Conclusions contain essentially the 'take-home' message of your assignment. Conclusions must not contain references to the cited literature. They could be in bullet points.

5. List of References

REFERENCES

Citation in text

Only cite the original papers and those relevant for the assignment. Make sure the surname(s) and year of publication are correct. Please ensure that every reference cited in the text is also present in the reference list (and vice versa).

Reference style

References to *published literature* must be cited in the text as follows:

Li and Gregory (2006) - the date of publication in parentheses after the authors' names.

The abbreviation *et al.* should be used in the text where there are more than two authors, for example, Nnane *et al.* (2011). However, the names of all authors must be given in the list of references.

References must be listed together at the end of the assignment and must not be given as footnotes. They must be listed alphabetically starting with the surname of the first author, year followed by the title of the referenced paper and the full name of the journal, as follows:

Li, G., Gregory, J., 2006. Flocculation and sedimentation of high-turbidity waters. *Water Research* 25 (9), 1137-1143.

Nnane, D.E., Ebdon, J.E., Taylor, H.D. 2011. Integrated analysis of water quality parameters for cost-effective faecal pollution management in river catchments. *Water Research* 45, 2235-2246.

It is particularly requested that (i) authors' initials, (ii) the title of the paper, and (iii) the volume, part number and first and last page numbers are given for each reference.

References to books, reports and theses must be cited in the narrative. They must include the author(s), date of publication, title of book, editor(s) name(s) if applicable, name of publisher, place of publication, and International Standard Book Number (ISBN).

Pulsipher, L.M., Pulsipher, A., 2011. *World Regional Geography: Global Patterns, Local Lives*, fifth ed. W.H. Freeman and Company, New York, ISBN-13 978-1-4292-3244-9.

Websites

Basic format: Author's Last Name, Initial(s). (Date of publication). Title of website. Retrieved from <http://www.address.edu>. Date website was accessed, e.g. March 9, 2020

ASSIGNMENT 1 Rubric - GEOG 201 Weather and Climate

Level of Mastery	Level 4 A superior, consistent performance; beyond expectations	Level 3 A solid consistent performance; demonstrated competency of knowledge and skills	Level 2 A partial mastery with limited to basic performance or expected achievement	Level 1 A limited mastery of knowledge and skills; below basic expectations	Marks
	No issues exist	Minor issues exist	Minor problems exist	Major problems exist	
Introduction and summary or conclusions	Introductory and concluding paragraphs present. Begin with a good introduction; end with a good summary or conclusions.	Introductory and concluding paragraphs present. Begin with an acceptable introduction; end with an acceptable summary or conclusions.	One of introductory or concluding paragraphs not present. Begin with a poor introduction; ends with no summary or conclusions and vice versa.	No introductory or concluding paragraphs present. Begin with no introduction; end with no summary or conclusions.	2.0
4 consequences 3 evidence 3 methods	4 consequences, 3 evidence, and 3 methods are well defined and/or effectively discussed.	The definition and/or discussion of 4 consequences, 3 evidence, and 3 methods is acceptable, definition and/or discussion lacks depth.	The definition and/or discussion of 4 consequences, 3 evidence, and 3 methods is barely acceptable.	The definition and/or discussion of 4 consequences, 3 evidence, and 3 methods does not answer the question clearly.	36.0
Structure (Organization and layout)	Be well structured with appropriate use of headings. Organization and layout requirements are met. The document has a professional look and feel.	Be relatively well structured with appropriate use of headings. Organizational requirements met. Issues exist with structure and layout of material.	Be poorly structured with inappropriate use of headings. Problems exist with both organization and layout.	Be not structured with inappropriate use of headings. Disorganization and incoherence in thoughtfulness and layout.	2.0
Grammar or Writing skills	Do not have any grammar or spelling mistakes. Writing is free of grammatical, spelling and punctuation errors.	Have very few grammar or spelling mistakes. Writing contains minor grammatical, spelling and punctuation errors.	Have few grammar or spelling mistakes. Writing skills are below the expected level as reflected in many grammatical, spelling and punctuation errors.	Have many grammar or spelling mistakes. Significant and many grammar, spelling and punctuation errors are throughout.	2.0
Citation in text	Citation as recommended	Citation as recommended but with spelling error.	Citation with author or date missing.	No citation.	2.0
References	Include at least 6 properly formatted references for ideas and concepts with at least half of these coming from printed sources (i.e., not web sites). List of references; all following the recommended format.	Include at least 5 properly formatted references for ideas and concepts with at least half of these coming from printed sources (i.e., not web sites). Complete list of references but some errors in recommended format.	Include at least 4 properly formatted references for ideas and concepts with at least half of these coming from printed sources (i.e., not web sites). Incomplete list of references and no recommended format.	Include less than 4 properly formatted references for ideas and concepts with at least half of these coming from printed sources (i.e., not web sites), or no list of references.	4.0
Percentage, and Letter Grade	90-100	76.0 - 79.9 (B⁺), 80.0 - 84.9 (A⁻), 85.0 - 89.9 (A)	50.0 - 54.9 (D), 55.0 - 59.9 (C⁻), 60.0 - 64.9 (C), 65.0 - 67.9 (C⁺), 68.0 - 71.9 (B⁻), 72.0 - 75.9 (B)	0-49 (F)	
TOTAL					48