

ES202 Term Paper Assignment

Winter Term 2009

I. Assignment Schedule

Week 6 Friday February 13, 2009	Submit Chosen Paper Topic (typed, word processed, name, date)
Week 7 Friday February 20, 2009	Submit Preliminary Paper Outline (with list of references in proper format)
Week 8 Friday February 27, 2009	Submit Expanded Outline with notations (with complete list of references)

* An expanded outline consists of an organized shell of the paper format, headings/subheadings, with detailed notes and reference citations. This will form the template for completing your final manuscript (your class notes are an example of an organized expanded outline with detailed notations)

Week 9 Friday March 6, 2009	Submit First Draft of Paper to Instructor
Week 10 Friday March 13, 2008	Submit Final Draft of Paper to Instructor

II. Term Paper Format

Paper Length: 4 to 5 pages of text, double spaced, font size = 12 (excluding title page, references cited, tables, figures), number the pages sequentially, include cut-and-paste figures and tables as needed.

Paper Format: Use title, heading, subheading, references cited method as prescribed for lab write-ups. Figures and tables can be copy-and-pasted directly from professional articles, just make sure that the source is properly cited.

NOTE: the headings and subheadings will be different from that of the lab write-ups, depending on your topic. An example outline (i.e. headings and subheadings) of the "Influence of Geology on Land Use in Western Oregon" is shown below:

INTRODUCTION

GEOLOGIC OVERVIEW

Tectonic Setting

Bedrock Geology

Volcanic Rocks

Basalt

Intrusives

Sedimentary Rocks

Sandstone

Shale

Geologic History

Tertiary

Quaternary

INFLUENCE OF GEOLOGY ON LANDUSE

Hillslope Erosion

Human Occupation

SUMMARY AND CONCLUSION

REFERENCES CITED

Other Information: Refer to syllabus "Plagiarism and Writing Section" and "Lab Portfolio Section" for more information on writing philosophy. Also refer to the "Taylor's Writing Guide" handout for tips on effective scientific writing.

Special Note: Copying and pasting other workers writing and web pages will result in an automatic score of "0" and you will be referred to the Dean of Students for appropriate disciplinary action for plagiarism.

III. List of Possible Topics to Choose From

(Theme: ES202, geologic surfaces processes, Oregon and the Pacific Northwest).

Seismic / earthquake hazards in Oregon, or in the PNW (or specific parts of the region / state)

Active mountain building in the Coast Range

Flood hazards in Oregon, or in the PNW (or specific parts of the region / state)

Flood hazards of the Willamette Valley

The influence of fluvial process on landuse in the Willamette Valley

Soils geology in western Oregon (or other specific parts of the region / state)

Sedimentary history of western Oregon

Tsunami hazards and deposits associated with coastal Oregon (or PNW)

History of sea level change and climate along the Oregon coast (or PNW)

Glacial history of the Pacific Northwest

Glacial history of the Oregon Cascades

Glacial history of the Wallow Mountains

History of Lakes, Playas, and Climate Change in the Oregon Desert

Geologic history of Columbia River gorge

Coastal Processes / Hazards of Oregon

Active Tectonics of Coastal Oregon

Landsliding / mass wasting hazards in Oregon (or specific parts of the region / state)

Debris Flow hazards in western Oregon

The Missoula Flood story of Washington / Oregon

Recent geology of the Willamette Valley

Coastal erosion and hazards in Oregon

Pleistocene history of dune fields in Oregon

Climate change and related geologic history of western Oregon (or any other part of the state)

Volcanic hazards of Oregon, the PNW, or specific areas in the region

Groundwater issues in Oregon, eastern Oregon, or other specific part of the state

The geology of Portland's, or other Oregon city, water supply

Surface water / water resource issues in Oregon

Fluvial processes in western Oregon and impact on salmon habitat

The influence of coarse woody debris on stream flow processes in western Oregon

.... any other topic or topics that you can think of, that we covered in class, and apply directly to Oregon / PNW!

IV. Sources of Information: WOU Library GEOREF database (ask librarians), library journals, the internet (www.usgs.gov, www.epa.gov, state DOGAMI office, Google, other state agency web sites, OSU web sites).

NOTE: Dr. Taylor has a large number of journal articles available in digital format – ask!

Georef is a search database for geologic literature, it can be accessed via the library website at:

<http://www.wou.edu/provost/library/databases/titleg.htm>

Any publications not held by the WOU library can be ordered via electronic interlibrary loan (ILL) from the Georef search results page.

ES202 Term Paper Grading Sheet

Name _____

Item	Total Points	Score	Comments
Title	1 pt		
Outline1	4 pts	_____	_____
Outline2	36 pts	_____	_____
Paper			
Organization	6 pts	_____	_____
Presentation	6 pts	_____	_____
Grammar	7 pts	_____	_____
Ref. Cited	2.5 pts	_____	_____
Timeliness	2.5 pts	_____	_____
Final Score		_____ / 35	

**presentation includes neat, professional-looking work, inclusion of maps and figures to illustrate concepts, inclusion of tables / data to illustrate concepts.

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