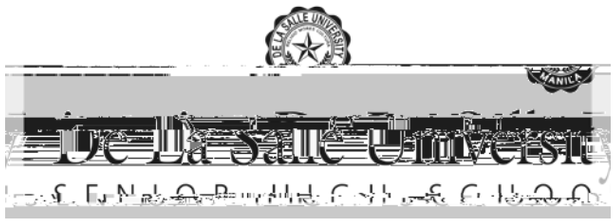

FINAL PROJECT
Earth Science
1st Trimester, AY 2017- 2018

Case Study: Philippine Georesources

The Philippines is endowed with rich geological resources ('Georesources') which provide the society with services ranging from resource mining, scientific research and education, business and trade, agriculture, and tourism.

Knowledge on the distribution, formation and characteristics of these resources for various purposes can lead to economic progress, while ensuring environmental sustainability. Proper measures and extraction procedures of these resources also minimize effects of possible hazards.

It is therefore vital to understand the country's georesources in the goal of achieving development while pursuing environmental and public safety. In the context of the Philippines, a lot of environmental issues are due to the lack of properly communicated scientific information on what resources we have, how we should extract and use it, and or if we should maximize gains from it in exchange of exploitation and possible hazards. Questions that can arise from this include:

1. How many resources do we have?
2. How do these resources form?
3. How can we benefit from these resources?
4. How can we obtain or extract these resources?
5. Are we using these resources efficiently?
6. What are the risks involved in the extraction and use of these resources?
7. What will happen if this resource would run out?
8. How can we ensure that we strike a balance with environmental protection and economic development?

As a Lasallian student who is a critical and creative thinker, lifelong learner, and a service-driven citizen, your task is to come up with a case study of georesources in the Philippines. The objective of this case study is to research specifically on the distinct mineral, rock, and soil profile of a specific province or municipality in the country. The paper should expound on the said georesources' estimated amounts (in raw and economic values), composition, and

Outline:

I. Executive summary/Abstract (provide three keywords in the last part)

II. Introduction
   A. Description of the study site
   B. Demographics of the study site
   C. Objectives of the study (as based on the guide questions)

III. Distinct Mineral (just focus on one), Rock and Soil Profile
   A. Name, Image, Chemical composition
   B. Amount and Economic value
   C. Formation
   D. Extraction process (for Minerals)
   E. Use/Applications (specify who/which sectors/companies benefit from it)

IV. Risks involved
   A. In the use/extraction (for all organisms)
   B. In depletion
   C. Others (in relation to other environmental conditions)

V. Discussion (On the suitability of activities/developments on chosen study sites, on the trade-offs (if any) in the use/extraction of these georesources in exchange of profit, – on whether the resources are being used sustainably)

VI. Conclusion
VII. References (use APA referencing, arranged alphabetically)
VIII. Appendix

Format:

Deadline Schedules:

Week Number	Date	Description of Activity	Deadline
2	June 12-16	Project Making: Part II	

RUBRIC FOR EVALUATING Final Project (Case Study)

CRITERIA	EXEMPLARY 4	SATISFACTORY 3	DEVELOPING 2	BEGINNING 1
Organization, 20%	Manuscript is well-organized and structured.	Manuscript is organized but lacks certain key elements.	Manuscript show organization but has several portions that are not relevant.	Manuscript is disorganized and the flow of information and arguments are confusing.d4nas several