



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

Case Study : Natural Changes that can affect an Ecosystem

Harris, A. (2017) stated that wind , rain, predation and earthquakes are all examples of natural processes which impact an ecosystem. Humans also affect ecosystems by reducing habitat, over- hunting, broadcasting pesticides or fertilizers, and other influences. The line between natural and human caused effects often blurs. For example, sediment in streams and rivers can damage these tender ecosystems. But the cause may have been a post -storm mudslide or acreage stripped bare for farming. Anything that enters an ecosystem – from sunlight to rain to contaminants – has the potential to change it .¹

Virtually all of Earth's ecosystems have been significantly transformed through human

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.
Scientific Accuracy, 40%	Scientific explanations or facts presented/cited are 100% accurate.	Scientific explanations or facts presented/cited show some inaccuracies.	Scientific explanations or facts presented/cited show a significant number of inaccuracies	Scientific explanations or facts presented or cited are all misconceptions
Presentation of Arguments or Explanations, 40%	Arguments and explanations presented are clear, valid, and convincing.	Arguments presented are clear, valid, and convincing but has several flaws.	The arguments and explanations presented only partially addressed the problem.	The arguments and explanations presented do not in any way address the problem.
			OVER-ALL SCORE	100

References:

1. Harris, A. (2017, June 7). Natural Changes That Can Affect an Ecosystem. Retrieved June 12, 2017, from <http://sciencing.com/natural-changes-can-affect-ecosystem-6777.html>
2. Reid, W. V. (2005, March 15). Ecosystem Change. Retrieved June 12, 2017, from <https://www.greenfacts.org/en/ecosystems/millennium-assessment-2/1-ecosystem-change.htm#1>