Typhoons & Coral Reefs

The Effects of Typhoons on Coral Reefs

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Coral reefs can protect us from huge waves, but how do they withstand a typhoon storm? This essay will propose a study looking at the effects of typhoons on coral reefs. This research is important because our coral reefs could possibly be in danger after all the recent storms. The main purpose of coral reefs is to fight against potential tsunamis. This student researcher has found literature for the proposed research question. How do typhoons affect coral reefs? The methodology, data collection, and the writing schedule has been planned.

The student researcher has found literature for the proposed research question: What are the effects of Typhoons on coral reefs? The researcher has found four academic sources and four non-academic sources. The academic sources were pulled from the NMC EBSCO website, and the non-academic sources were mostly found on articles online. All the sources provide information about how typhoons affect the coral reefs. They also include the locations of the affected coral reefs. To gather more precise information, the student writer has come up with three different data collecting methods.

Three methods have been planned to gather data. The student writer will begin a collection of data with a survey that forty NMC students will partake in. The survey will consist of questions about the research question. For the second method, the student researcher will then conduct an interview on a handful of NMC students about the research question. Lastly, the student researcher will conclude his data collection by interviewing experts at BECQ, or the Bureau of Environmental and Coastal Quality. Before initiating data collection, the student will follow a planned data collection schedule and a planned analysis schedule.

Table 1: Data Collection Plan

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| --- | --- |
| Date | Method |
| October 1 to October 7 | Survey w/ 40 NMC Students |
| October 8 to October 14 | Interviews w/ 5 NMC Students |
| October 22 to October 28 | Interview w/ BECQ |

Table 2: Reading, Analyzing, and Writing Schedule

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| --- |
| September 27 to November 27 – Reading Analyzing, and Writing |

The student researcher has looked at the importance of better understanding the topic of the effects of typhoons on coral reefs. The student reporter has identified four (4) academic sources and four (4) non-academic sources. The student writer has well organized methods to collect data. The detailed schedule for collecting and analyzing the data has been developed.

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