Data Collection of Various Reactions to Life Without Water

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Abstract

This process essay explains the steps taken to collect data on reactions to life without water after Typhoon Soudelor. The essay includes details on data collection, question type for surveys and interviews and other resources used to aid with data collection. This paper thus examines the diversified community reaction to the water crisis and possible improvements for similar situations.

Typhoon Soudelor pumelled the island of Saipan leaving behind challenging consequences. A major dilemma was the sudden loss of water accessibility to the island’s residents. Although the island itself is surrounded by water, water sources on the island were fairly limited. Thus, the island experienced its very own water crisis similar to other regions of the world where water is not accessible at all. Saipan’s water crisis garnered reactions to this unique predicament. For this research project on water accessibility, data was colected via surveys and interviews administered to the general public for a diversified result.

The first survey that was conducted was a pilot survey (See Appendix A). The participants consisted of roughly ten students from Northern Marianas College English Composition classes. The survey was conducted electronically via SurveyMonkey and shared on Google Docs. The survey was open for two weeks in order to collect feedback about the survey and general data. The survey was composed of mainly informal, open ended questions that require short answers.

After the pilot survey, a general survey was created in guidelines with collected feedback (See Appendix B). Questions were revised, added and removed in order to produce a better and more concise survey to aquire desired results. The survey was distributed electronically and manually to a variety of individuals in the community for a diverse range of responses. The survey was available for one and a half to two weeks before closed to analyze results.

During the data collection via surveys, interviews were conducted with twenty children from ages seven to ten. The interviews were conducted on November 4th, 2015. The questions used were the same from the survey but revised for easier understanding (See Appendix C). The interviews were conducted at a nearby playground and recorded to later be transcribed and stored on a personal computer.

After all data has been collected, they can be analyzed in an orderly fashion. The data is to reflect unique experiences of individuals in regards to Saipan’s water crisis and opinions on possibilities for future solutins. The data collection by surveys and interviews thus attempts to promptly and accurately portray the overall experience with the water crisis.

Appendix A

Pilot Survey

1. General Information

Age

Gender

Village you live in

How many people do you reside with?

Did you experience Typhoon Soudelor? If so, what type of accommodation where you staying in?

Did you remain on island after the typhoon? If not how long were you gone and when did you return?

2. General reactions about life without water

What was your reaction?

What were the reactions of your children?

What were the reactions of immediate family members?

Compare life with and without water.

Were there any highlights, realizations, or difficulties that stood out to you while recovering from the typhoon?

Did anyone you know have extreme difficulty/issues without water? If so, what were they?

3. Water Accessibility

How long were you without water before you could get access to water?

Did you have trouble finding access stations or collecting water at access stations? If so, please explain.

Did you or your family result collect rain water to use as a source of water? How?

Were you able to purchase an adequate amount of water or ice during post typhoon circumstances?

4. Water Distribution

During the water crisis, some individuals did not have access to a truck or water containers to acquire water. Considering these circumstances, how do you think water distribution could improve? If so, how?

Was it difficult for you to gain access to the water distribution areas? (No car/form of transportation)

5. How would you prepare for a similar situation in the future?

6. Are there any other comments you would like to make?

Appendix B

General Survey

1. General Information

Age

Gender

Village you live in

How many people do you reside with?

Did you experience Typhoon Soudelor? If so, what type of accommodation where you staying in?

Did you remain on island after the typhoon? If not how long were you gone and when did you return?

2. General reactions about life without water

What was your reaction?

Do you have children? If so, how many? What were the reactions of your children?

Do you live with family members? What were the reactions of immediate family members?

Do you live in a shared household (with friends, or non-immediate family members)? What were their reactions?

Compare life with and without water.

Were there any highlights, realizations, or difficulties that stood out to you while recovering from the typhoon?

Did anyone you know have extreme difficulty/issues without water? If so, what were they?

3. Water Accessibility

How long were you without water before you could get access to water?

Did you have trouble finding access stations or collecting water at access stations? If so, please explain.

Were you able to obtain water through any other means? (Example: Your workplace, friends, family, etc)

Did you or your family collect rain water to use as a source of water? How?

Were you able to purchase an adequate amount of water or ice during post typhoon circumstances?

4. Water Distribution

During the water crisis, some individuals did not have access to a truck or water containers to acquire water. Considering these circumstances, how do you think water distribution could improve? If so, how?

Was it difficult for you to gain access to the water distribution areas? (No car/form of transportation)

5. How would you prepare for a similar situation in the future?

6. Are there any other comments you would like to make?

Appendix C

Children’s Interview Questions

1. Why do you think water is important and/or helpful?
2. Did you have water after the typhoon?
3. How was life like without water?
4. Was it hard to get water?
5. What did you miss about water (showers/baths, water games, etc.)?
6. Were you able to take a shower/bath every day?
7. Was it hot without water?
8. If it were to happen again, how would you help your parents prepare?