

Sessui or Saving Water
~To Live with Water~

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1. Abstract (WC)

Sessui or Saving Water ~To live with Water ~

In Japan we sometimes hear that we should conduct sessui or save water. Do we really have to save water? Japan is said to be rich in water. In fact, we have a lot of rain in the rainy or tsuyu season. We have also much snow in winter. The reason why we decided this theme is that we had a few questions for water-saving in our life. Through this theme we will be able to understand water-saving deeper than now.

First, we want to know what concept about water saving Japanese and foreigners have. Second, is it really necessary for Japanese to save water? Then, how can we save water?

We construct two hypotheses. The first hypothesis is that the concept of water-saving may vary from culture to culture or from area to area. The second hypothesis is that using too much water may cause various problems such as global warming as well as hard-pressed family budget.

By proving these hypotheses, we want to know the importance of water-saving. And then, we want to spread our study results in the communities by using SNS and brochures we make. (190 words)

2. Keywords

save habit shortage concept culture

3. The purpose of the research

We want to know how to save water and how to help people who are suffering from the shortage of water. So we set up three specific purposes

3.1 Purpose 1

To learn different concept about water between Japan and foreign countries. This is the first step for us to begin our research. There may be an important hint for saving water.

3.2 Purpose 2

To consider whether it is really necessary for Japanese to save water. Japan is blessed with water. Basically, we don't need to conserve water. But we wonder how about the consciousness about saving water for them. If they need it, how can they do it?

3.3 Purpose 3

To spread how necessary saving water is. We need to make people know that saving water is necessary. We want to know how to do it in the community.

4. Method of the research

In order to find people's concept of water and sessui, we will make researches ① by questionnaire about saving water to foreigners and Japanese, ② by using books and Internet.

As for questions, we prepared the following 3 questions. They are: Question 1 "What is the different concept of water between Japan and your country?"

Question 2 "Do you do save water?" If YES, why and how?

Question 3 "Do you think Japan should save water?" If YES, why?

We interviewed 20 foreign people and 20 Japanese people at Narita International Airport.

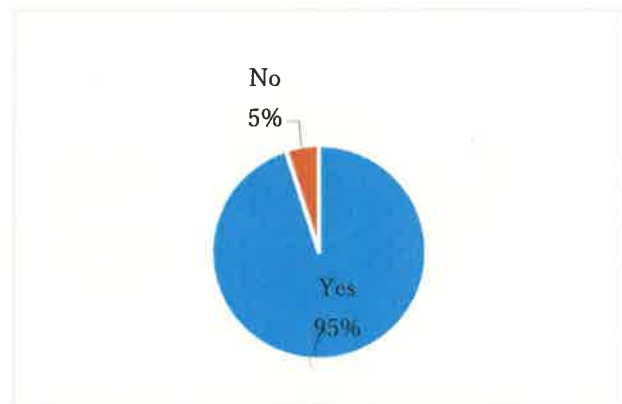
5. Results of the experiment

5.1 Answer to the question 1

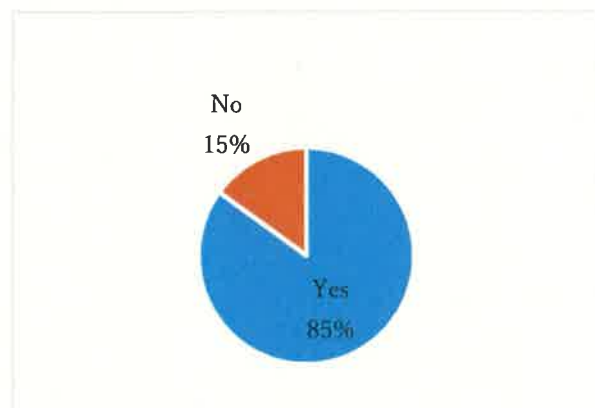
The question we prepared: "What is the different concept about water between Japan and your country?" was vague, so the answers were various. Some answered the taste of Japanese water. One person tells us that water in Japan seems to be combined with chemical substance. Others answered the different quality of water like hard water (foreign countries) and soft water (Japan). Still others said that people can drink tap water in Japan. We should have focused on the consciousness about water.

5.2 Answer to the question 2

Question 2: Do you save water?



foreign people (n=20)



Japanese people(n=20)

Then, why do you save water?

Foreigner	Japanese
<ul style="list-style-type: none"> •water is valuable source •always save water in early childhood •for the environment 	<ul style="list-style-type: none"> •reduce the costs of electricity and water bills •water is a source of life •for the environment

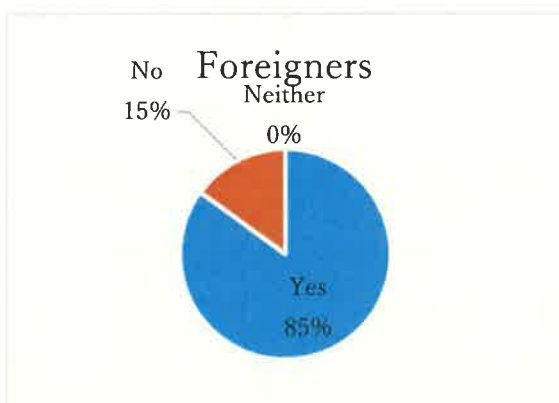
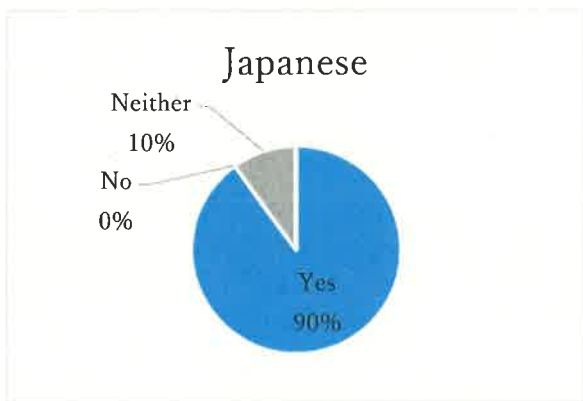
- some countries must do it
- prepare for disasters

Then, how do you save water?

Foreigner	Japanese
<ul style="list-style-type: none"> •do not use washing machines too much •recycle the water of a bathtub •do not use too much water (use stored water in a tank) •stop the running water •use a machine for saving water 	<ul style="list-style-type: none"> •stop the running water •reduces the water to use •use well water •use water in a bathtub or the laundry •do not use too much detergent •use water in a bathtub to wash away

5.3 Answer to the question 3

Question 3: Do you think that Japan should save water?



Then, why do you think that Japan should save water?

	Foreigner	Japanese
Yes	<ul style="list-style-type: none"> •water is valuable resource •prepare for a disaster •always careful to do it 	<ul style="list-style-type: none"> •water is limited resource •appeal to save water when we have earthquakes •water is a source of life
No	<ul style="list-style-type: none"> •it rain to use amount of water 	

	•Japan has much water
Neither	<ul style="list-style-type: none"> •no interest in saving water •do not care about saving water •It doesn't matter whether we save water or not.

Consideration

By this survey by questionnaires, we have found that we have some common and different views about saving water between Japanese and foreigners .

As for commonalities, both have consciousness that water is important and that saving water is necessary.

As for differences, some countries consider saving water more carefully than the others. One person appealed the reality of water shortage

Some new questions occurred to us through this research.

- ①Japanese people don't have a lot of opportunities rather than foreigners to realize that water is valuable, therefore, is it difficult for Japanese to take action?
- ② Does "saving water for the environment" have the same meaning between Japanese and foreigners?
- ③Are those actions really for the environment? How good for the environment then?

Is it important for Japanese to save water?

As we research we knew that there are countries where water shortage is a problem. But it is not such serious problems in Japan. So we thought Japan is hard to achieve the results of water saving and not all countries save water for the same reason.

Next we researched what kinds of water problems are in Japan.

For example, we found water pollution by domestic wastewater. What's worse, if we use too much water, part of the circulation of water is stopped. There is another case in which we consume a lot of energy to clean up the water

There will be a shortage of water when disasters occur disasters (When Great East Japan earthquake occurs, actually there was a shortage of water.)

From these problems we thought Japan needs water saving. Then how?

At first we researched the amount of water that was made by our wasteful action

	State	amount
Washing face and hands	Running for a minute	12L
Brushing teeth	Running for 30seconds	6L
	Use a cup	0.6L
Kitchen work	Washing dishes	60L
Washing	Keep running	90L

	Use a bucket	30L
Taking a bath	Reuse the half water left in bathtub	90L

Nowadays, Japanese everyday use about 480 bottles of water(500ml) per person.

These instances show that we use large amount water of water carelessly.

But that means we can save water with our a little careful.

Example of the way to save water

- Use a cup to draw when we brush our teeth.
- Stop running water while
- Turn down water pressure of shower
- Wash vegetables in a bucket drew water.
- Wipe the soiled dishes.

6. Conclusion

We knew the situation varies from country to country. But everyone thought water is important and use same solutions to water saving. So we want to use SNS to make everyone understand reasons for water saving. And we want to research better solutions to water saving.

7. Acknowledgement

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