

Pollution Control and How to Live

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Today we will go on talking more about land and water pollution and soil erosion in China.

More About Pollution Control

ation:

Dave and Zhao have talked about the importance of environmental protection and the measures taken to cut down smoke and dust from factories and to reduce street noise. Now they go on talking about land and water pollution and soil erosion in China.

Information about land and water pollution and soil erosion

Cause	Result
1. Water pollution: a lot of harmful effluents from factories poured into the rivers	1. drinking water polluted; crop affected
2. Land pollution: little control over the use of pesticides and chemical fertilizers	2. high toxic residue in vegetables and grain harm done to soil
3. Soil erosion: careless and indiscriminate felling of trees	3. large number of forests destroyed; and soil carried away by wind and rain, leaving barren land

Roles:

Dave — asking questions about water pollution, land pollution, soil erosion

A survey on soil erosion ,water pollution and land pollution.

Soil erosion

Place: a small village

Current situation : A lot of natural trees have been cut down, and plants have been damaged seriously. Instead, in order to pursue interests, many Chinese torrey trees are planted dispersedly. Because of the slope and a large number of centralized precipitation, soil and water loss is a little bit serious. We can see this problem in the pictures.



Research Design

1 Research Questions:

1. Do you think the vegetation deterioration is serious in our village now?
2. What do you think of the soil erosion in our village? Is it serious?
3. Do you think we should make effective measures to remit soil erosion?

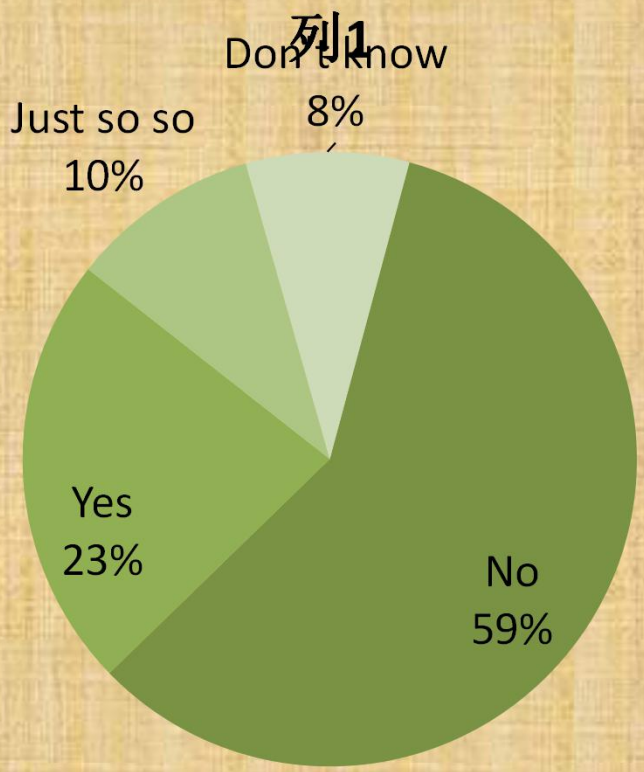
2 Participants:

40 villagers in my village were investigated. The villagers who have been surveyed were voluntary. And the average age of villages was 42. And 30 percent of the villagers are male and 70 percent of the villagers are female.

3 Findings

Q1.2.3

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According to investigation result, we can clearly see that although the soil erosion is not so serious in this village, people's consciousness of Prevention is weak.

Results

Soil erosion will lead to the riverbed rise, then it will cause flood and influence people's life.

Measures

1. Stop to damage the nature plants
2. Increase of vegetation coverage
3. Transform slope

Land Pollution

Place: a industrialized town

Current Situation:

Many factories haven't had treating plant. So they let waste water which has poisonous substance into the soil. The soil is polluted by the heavy metal wastewater so it can't grow any plants. It become infertile and has a stinking smell.



Research Design

1 Research Questions:

1. Do you think the smell is stinking obviously in our town now?
2. The development or the environment, which is more important?
3. What measures should be taken by government and factories?

Give your advice.

2 Participants:

40 people in the town were investigated. The people who have been surveyed were voluntary. And the average age of villages was 30. And 80 percent of the people are male and 20 percent of the people are female.

3 Findings

Q1.2.3

According to investigation result, we can clearly see that the land pollution is serious. However, the people in the town haven't realize the harm of the pollution. So, necessary measures must be taken.

Results

The land pollution will influence the sustainable development of the town.

Measures

1.The government need to enforce and help the factories equip with treating plant.

2.The people need to improve their environmental awareness.

3.The government need to clean the soil that has been polluted.

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Water pollu



- **Place : a small town**
- **Current situation : this is a small town in my hometown. in the town, I found that more than 60% of rivers were polluted. Some were filled with litter, and some were polluted by sewage of factories.**



Research design

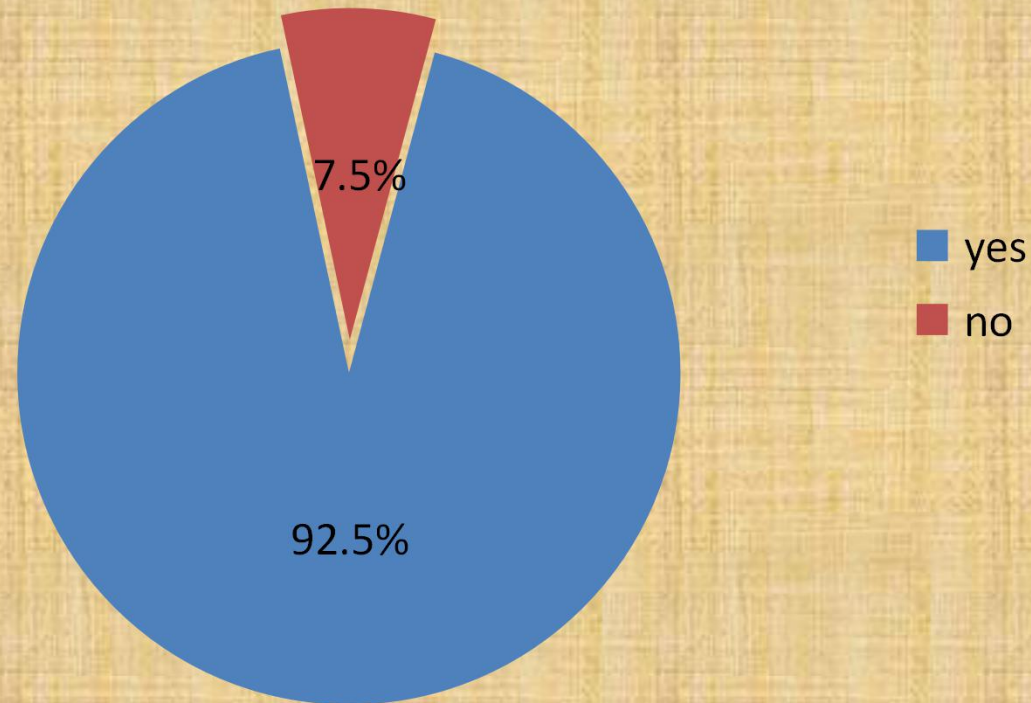
3.1 research questions

1. Are you satisfied with the current condition of the water pollution in the town?
2. Will you stop people to throw rubbish into the river when you see that?
3. Do you have any suggestions about controlling water pollution

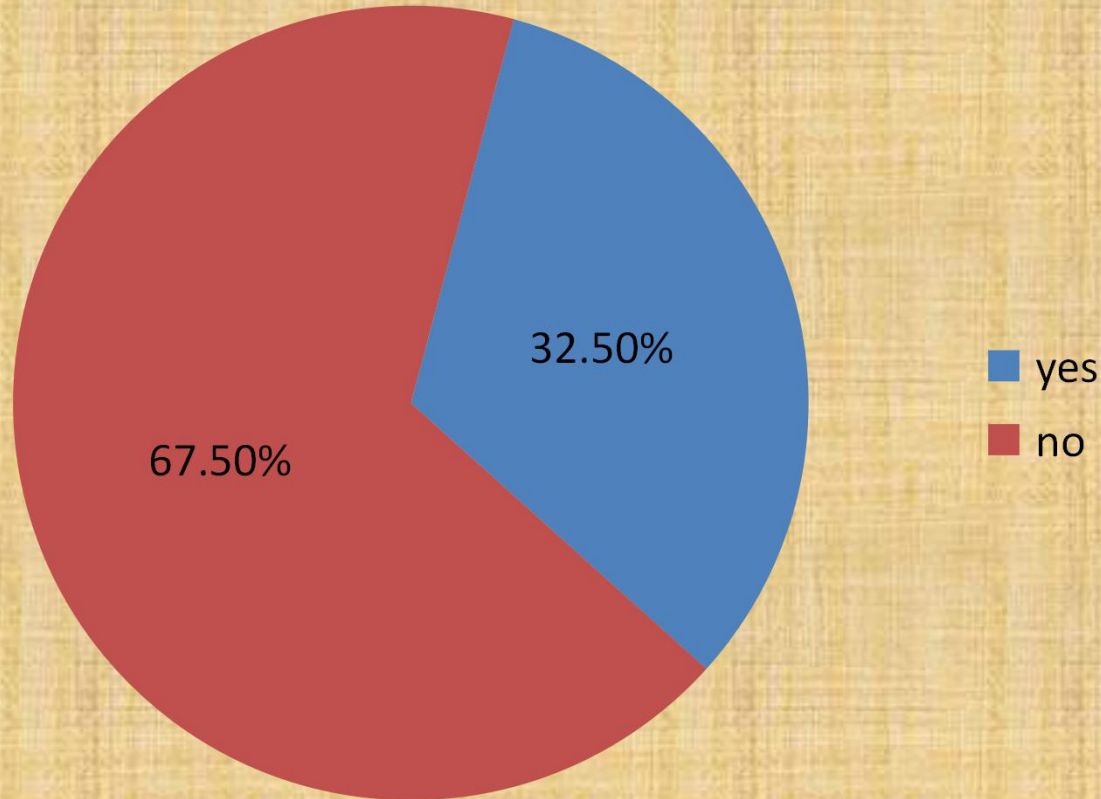
3.2 participants

40 people in the town were investigated. The people who have been surveyed were voluntary. And the average age of villages was 30. And 80 percent of the people are male and 20 percent of the people are female.

Are you satisfied with the current condition of the water pollution in the town?



Will you stop people to throw rubbish into the river when you see that?



Results :from the survey we can see that almost all people are not satisfied with the condition of water pollution, but most people will not stop the activities that ruin the water environment, so controlling water pollution is serious and hard.

Measures :

1. People should improve their awareness of water protection
2. The government should enforce laws to forbid factories pouring polluted water into river and spend money and time cleaning the water.
3. Factories should be equipped with pollution control devices

Thanks for
watching
and listening