

Nuclear Energy: Your Opinion

Introduction

Hello my name is Zach White and I am student majoring in Japanese Language and Culture at California State University Monterey Bay (CSUMB). The following questionnaire serves to provide data for my senior capstone project. The survey addresses both Japanese and American students' views of nuclear energy in the wake of the 2011 Fukushima-Daiichi nuclear disaster, which occurred in response to the Great East Japan Earthquake. This survey will also investigate what alternative energy sources are favored in lieu of nuclear and/or fossil-fuel based energy production. Please provide responses that most accurately reflect your opinions. Thank you for your participation in this survey-based research.

* Required

I. Background

Please complete the following background demographic information.

1.1) Sex *

- Male
 Female

1.2) Education *

- Freshman (1st year)
 Sophomore (2nd year)
 Junior (3rd year)
 Senior (4 or more years)
 Graduate Student
 Graduated (possess 4-year degree)
 Other

1.3) State *

Please indicate which state you claim residency in:

1.4) Age *

- (under 18)
 [18-20]
 [21-24]
 [25-29]
 [30 or over]

1.5) Major *

1.6A) Are you aware of the nearest nuclear power plant to where you lived prior to entering university? *

- Yes
 No

1.6B) If Yes to above, approximately how close is the nearest nuclear power plant to where you lived prior to entering university?

- 10 kilometers (6.23 miles) and under
 between 11 kilometers (6.84 miles) and 30 kilometers (18.64 miles)
 between 31 kilometers (19.26 miles) and 50 kilometers (31.07 miles)
 between 51 kilometers (31.69 miles) and 100 kilometers (62.14 miles)
 over 100 kilometers (62.14 miles)
 unsure

1.7A) Do you have any close friends of family that work for a nuclear power station? *

- Yes
 No

1.7B) If Yes to above, please indicate how many persons:

1.8A) Do you have any close friends or family members that were displaced or severely affected by the Fukushima Daiichi nuclear disaster? *

- Yes
 No

1.8B) If Yes to above, please indicate number of persons:

1.9) I think global warming is occurring *

- Strongly Agree
 Agree
 Neutral
 Disagree
 Strongly Disagree

II. Nuclear Energy

The following questions are related to your current view of nuclear energy. Read the following statements and choose the answers that best reflect your opinion.

*

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
2.1) Nuclear energy is safe	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.2) Despite the risks, nuclear energy is important for meeting current and future energy needs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.3) As learned from Fukushima as well as past nuclear disasters, nuclear energy is too risky to maintain as an energy production method	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.4) I am opposed to the further construction of nuclear reactors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.5) Storage of spent nuclear fuel is an unresolved problem	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.6) In the wake of the Fukushima Daiichi nuclear disaster, the government should begin to decommission all nuclear reactors in Japan	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

*

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
2.7) Nuclear energy production is a better alternative than fossil-fuel based energy production because it produces fewer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

processes.
carbon
emissions

2.8) Nuclear fuel
is a nonrenewable
resource which
should be
replaced by more
sustainable
alternatives

2.9) I would feel comfortable living _____ away from a nuclear power plant *

- Under 10 kilometers (6.21 Miles)
 between 11 and 30 kilometers (6.83 and 18.64 Miles)
 between 31 and 50 kilometers (19.26 and 31.07 miles)
 between 51 and 100 kilometers (31.69 and 62.14 miles)
 more than 100 kilometers (62.14 miles)
 no opinion

2.10) The use of nuclear energy should be _____ *

- increased
 reduced
 maintained at current levels

III. Radioactive Contamination

The following questions relate to the radiation emitted from the Fukushima-Daiichi site. Read the following statements and choose the answers that best reflect your opinion.

*

no levels slightly
elevated
levels elevated
levels high levels unknown
levels

3.1) I fear I have
been exposed to
_____ of
radiation emitted
from the
Fukushima
Daiichi site

3.2) I fear my
friend(s) or
relative(s) have
been exposed to
_____ of
radiation emitted
from the

Fukushima
Daiichi site

3.3A) Either myself, a friend, or a family member has changed their diet in some way out of fear of consuming foods that may have become radioactively contaminated *

- Yes
- No

3.3B) If Yes to above, please indicate number of persons:

*

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
3.4) The government has done a good job of relaying information about possible radioactive contamination in food goods	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3.5) Exposure to radiation increases the risk of cancer(s)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3.6) I fear cancer rates have risen in response to the radiation emitted from the Fukushima Daiichi site	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3.7) I trust the government's radiation exposure level standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3.8) The government is doing a good job cleaning up radioactive material	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3.9) As nuclear waste remains radioactive for hundreds of years, disposal is practically impossible	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3.10) Radiation

3.10) Radiation emitted from past nuclear disasters, including Fukushima Daiichi, has accumulated in the biosphere with detrimental effects

IV. Alternative Energies

The following questions relate to your perceptions of alternative energies. Read the following statements and choose the answers that best reflect your opinion.

*

Strongly Agree Agree Neutral Disagree Strongly Disagree

4.1) The government should prioritize its spending to allow for investment in alternative energy research

4.2) Alternative energy sources such as solar and wind power are important

4.3) Indicate to what extent you prefer the following modes of energy production *

1 - Best 2 - Good 3 - Neutral 4 - Bad 5 - Worst

Coal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Oil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Natural Gas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nuclear	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hydroelectric	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Geothermal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wind	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Solar

4.4) I would like to see alternative energies such as solar and wind to be implemented_____*

- as soon as possible
- within 10 years
- within 25 years
- within 50 years
- no opinion

*

Strongly Agree

Agree

Neutral

Disagree

Strongly Disagree

4.5) Nuclear energy production has become a symbol of technological advancement which improves a nation-states' perceived status within the global community

4.6) The public is not aware of the risks associated with nuclear energy production

4.7) The expansion of the alternative energy sector has been impeded by groups interested in maintaining current systems of energy production

4.8) The public is not aware of the benefits alternative energies have over current methods of energy production

Thank you very much for your participation.

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